

Meteorological Telegraphic Report for the period 28th January to 3rd February 1872.

STATIONS.	Date.	Hour.	Barometer reduced to 32°.	Barometer reduced to sea-level.	THERMOMETER		Humidity Sat. =100.	WIND.		Rain.	Clouds.	Weather initials.
					Dry.	Wet.		Direction.	Velocity.			
CALCUTTA.	Jan.											
	28th	10	30.114	30.133	73.0	65.0	62	E N E	...	...		
		16	30.011	30.029	78.0	69.7	65	S	...	...	CS	
	29th	10	30.161	30.180	72.0	65.7	71	E N E	...	...		
		16	30.029	30.038	78.0	69.5	63	N E	...	...	C	
	30th	10	30.138	30.157	74.5	69.5	78	E S E	...	...	K	
		16	30.006	30.024	79.0	68.4	55	N N W	...	...	C	
	31st	10	30.119	30.137	75.0	65.6	59	W S W	...	...	C	
	Feb.	16	29.998	30.016	80.0	68.3	52	W S W	...	...	C	
	1st	10	30.120	30.139	73.0	71.0	90	W S W	...	...		
SAGOR ISLAND.		16	29.978	29.993	80.0	70.5	60	S by W	...	...		
	2nd	10	30.086	30.104	76.5	68.0	62	E N E	...	...	CK	
		16	29.943	29.961	81.6	70.0	52	W by N	...	...		b
	3rd	10	30.075	30.093	75.0	67.0	63	E	...	...		b
		16	29.960	29.978	79.7	70.0	58	N W	...	...	CS	
	Jan.	10	30.122	30.129	74	71	85	W	6.2*	...	N	b, m
		16	30.003	30.012	79	73	73	S S W	7.8*	...	K	b
	29th	10	30.111	30.147	74	70	81	N E	4.8*	...	K	b, m
		16	30.025	30.031	82	79	87	W S W	5.2*	...	K	b, m
	30th	10	30.142	30.148	71	71	100	N	3.5*	...		f
CHITTAGONG.		16	30.024	30.030	78	73	77	S S W	6.0*	...	K	b
	31st	10	30.130	30.136	75	73	90	N	3.8*	...	N	b, m
	Feb.	16	30.007	30.013	79	73	73	S W	8.2*	...	CS	b
	1st	10	30.131	30.137	75	72	85	N W	3.4*	...	K	b, m
		16	30.007	30.013	81	74	70	W S W	8.0*	...		b, m
	2nd	10	30.093	30.099	75	69	72	E N E	9.9*	...		b
		16	29.977	29.983	79	72	69	S W	8.6*	...		b
	3rd	10	30.064	30.070	74	72	81	N W	8.3*	...	K	b, m
		16	29.957	29.963	80	73	70	S	4.5*	...	K	b
	Jan.	10	30.028	30.122	75	67	63	N N E	4.5*	...		b, m
MADEAS.		16	29.936	30.003	81	67	44	W	5.8*	...	K	b
	29th	10	30.032	30.127	70	63	65	N	4.6*	...		b, m
		16	29.955	30.048	79	65	43	W	8.2*	...	C	b, m
	30th	10	29.936	30.031	72	63	58	N	5.4*	...		b, m
		16	29.900	29.994	76	64	48	W S W	6.4*	...		b, m
	31st	10	30.019	30.114	72	64	62	N N E	5.8*	...		b, m
	Feb.	16	29.925	30.018	79	64	40	W	5.7*	...	O	b
	1st	10	30.014	30.108	74	67	67	N N E	5.1*	...		b, m
		16	29.920	30.013	81	67	44	W S W	6.0*	...		b, m
	2nd	10	29.998	30.092	76	67	60	N	3.0*	...		b, m
CUTTACK.		16	29.870	29.963	80	68	51	W	5.5*	...		b, m
	3rd	10	29.988	30.082	77	69	64	N N W	4.3*	...		b, m
		16	29.890	29.983	80	69	54	W	5.4*	...		b, m
	Jan.	10	30.045	30.075	82	67	42	E N E	6*	...		bc
		16	29.923	29.973	81	71	59	E N E	11*	...		bc
	28th	10	30.031	30.031	83	73	60	N E by E	13*	...		bc
		16	29.950	29.980	80	71	62	E N E	17*	...		bc
	29th	10	30.058	30.088	82	71	53	N E	12*	...		bc
		16	29.959	29.980	82	71	55	N E	13*	...		bc
	30th	10	30.076	30.100	80	73	70	N N E	12*	...		bc
AKYAB.		16	29.952	29.982	82	74	66	N E by E	15*	...		bc
	31st	10	30.075	30.105	84	73	56	N E by E	12*	...		bc
	Feb.	16	29.980	29.990	81	71	59	E N E	13*	...		bc
	1st	10	30.056	30.086	82	73	63	N E by E	9*	...		bc
		16	29.914	29.974	82	73	63	E by N	12*	...		bc
	2nd	10	30.044	30.074	82	71	55	E by N	7*	...		bc
		16	29.927	29.957	83	72	56	E N E	12*	...		bc
	Jan.	10	30.031	30.114	79	70	61	S	1.7*	...	KS	fair
		16	29.873	29.955	85	69	41	N E	2.1*	...	KS, C	
	28th	10	30.024	30.107	76	70	72	E N E	1.0*	...	KS	u. cloudy
CUTTACK.		16	29.888	29.970	86	70	41	S E	2.7*	...	KS	fair
	29th	10	30.054	30.138	75	70	70	E N E	1.2*	...	C, KS	u. cloudy
		16	29.928	30.010	86	70	41	E	2.0*	...	N, KS	cloudy
	30th	10	30.054	30.137	77	69	64	E N E	1.2*	...	C	fair
		16	29.918	30.030	87	69	36	N N E	2.0*	...	KS	fair
	31st	10	30.071	30.154	78	70	65	S W	1.2*	...	C	fair
	Feb.	16	30.012	30.173	86	70	41	E	3.6*	...	KS	fair
	1st	10	30.031	30.124	76	69	68	S S W	1.0*	...	KS	cloudy
		16	29.888	29.970	86	69	38	S E	3.2*	...	KS	fair
	2nd	10	30.024	30.108	75	69	72	E N E	1.5*	...	KS	fair
AKYAB.		16	29.868	29.950	80	68	35	S S E	3.4*	...		fair
	Jan.	10	30.086	30.168	72	69	85	E N E	1	...		b
		16	29.972	29.994	80	73	70	S W	1	...		b
	29th	10	30.116	30.138	71	67	80	N E	1	...	CS	b
		16	30.004	30.026	79	69	58	W	1	...		b
	30th	10	30.098	30.120	71	68	85	E N E	1	...		b
		16	30.044	30.066	78	71	60	W S W	1	...		b
	31st	10	30.101	30.123	69	67	89	E N E	1	...		b
	Feb.	16	29.992	30.014	80	70	58	S W	1	...		b
	1st	10	30.086	30.118	71	68	85	N E	1	...		b
AKYAB.		16	29.979	30.001	81	72	62	N W	1	...		b
	2nd	10	30.070	30.092	74	70	81	N N W	1	...		b
		16	29.942	29.964	79	71	65	W	1	...		b
	3rd	10	30.018	30.070	70	68	89	E N E	1	...		b
		16	29.932	29.954	69	59	51	S S E	1	...		b

* Velocity of wind in miles per hour.

CALCUTTA,
The 3rd February 1872.

HENRY F. BLANFORD,
Meteorological Reporter to the Government of Bengal.

Results of the Meteorological Observations taken at the Surveyor-General's Office, Calcutta, from 22nd to 31st January 1872.

Month.	Date.	Mean reduced barometer.	THERMOMETER.			Mean dry bulb.	Mean wet bulb.	Computed mean dew-point.	Mean degree of humidity.	WIND.			Rain.	Moon's phases.	GENERAL REMARKS.
			Highest reading.	Lowest reading.	Max. solar radiation.					Prevailing direction.	Max. pressure.	Daily velocity.			
		Inches.	°	°	°	°	°	°			lb	Miles.	In.		
Jan.	22nd	29.998	78.0	61.0	133.0	68.2	62.6	58.1	0.72	W N W	...	20.3	...	...	Clear and cirri. Foggy from midnight to 2 A.M., and 7 to 10 P.M.
	23rd	982	81.0	60.8	135.0	70.3	65.4	61.5	.75	W by S & S by W	...	20.2	...	...	Clear and cirri. Foggy at 7 A.M.
	24th	904	80.7	64.5	136.0	71.4	66.8	63.1	.76	S by W & S S W	...	91.9	...	...	Clear and stratoni. Slightly foggy from 3 to 9 A.M.
	25th	909	82.3	62.8	137.3	71.3	67.2	63.9	.79	S S W	...	82.2	...	○	Clear and cumuli. Foggy from 4 to 8 A.M.
	26th	30 020	76.8	65.0	136.3	71.2	67.4	64.4	.80	S S W & S by E	...	73.5	...	...	Clear, cirrostrati, and cumuli.
	27th	029	78.6	67.4	128.2	72.0	68.4	65.5	.81	S S E & S S W	...	49.4	...	...	Cirrostrati and cumuli. Slightly foggy at 7 and 8 A.M., and 9 P.M.
	28th	047	78.3	65.6	134.5	71.7	66.4	62.2	.73	S S W & S	...	76.1	...	...	Cirrostrati and cumuli.
	29th	078	79.0	65.0	134.0	71.6	66.5	62.4	.74	E S E & N E	...	48.7	...	...	Chiefly clear. Slightly foggy at 10 P.M.
	30th	065	79.5	64.5	139.0	71.7	66.8	62.0	.75	E S E & N N W	...	27.2	...	...	Clear and cumuli. Slightly foggy from 6 to 8 A.M., and 8 to 10 P.M.
	31st	045	80.5	65.2	136.5	72.5	66.3	61.3	.69	W S W	...	29.1	...	...	Clear and cirri. Slightly foggy at 9 P.M.

The mean barometer as likewise the dry and wet bulb thermometer means are derived from the twenty-four hourly observations made during the day.

The dew-point is computed with the Greenwich constants.—The figures in column 10 represent the humidity of the air, the complete saturation of which being taken at unity.—The receiver of the lower rain gauge is $1\frac{1}{2}$ feet, and that of the anemometer 70 feet 10 inches above the level of the ground.—The velocity of wind, as indicated by Robinson's anemometer, is registered from noon to noon.

The extreme variation of temperature during the past ten days	...	21.5
The max. temperature during the past ten days	...	82.3
The max. temperature during the corresponding period of the past year	...	81.5
The mean humidity during the past ten days	...	0.75
The mean humidity during the corresponding period of the past year	...	0.66
Inches.		
The total fall of rain from 22nd to 31st	... { by lower rain gauge	Nil
	... { by anemometer gauge	Nil
Ditto ditto average of eighteen previous years	...	0.28
Ditto between the 1st January and the 31st January	...	0.22
Ditto ditto ditto ditto, average of eighteen previous years	...	0.44

CALCUTTA,
The 5th February 1872.

HURRAY LALL SEN,
For Officer in charge of the Observatory.

GOVERNMENT OF BENGAL.
PUBLIC WORKS DEPARTMENT.
Irrigation Branch.
Irrigation Operations of Lower Bengal up to 31st December 1871.

CIRCLE.	Canal.	WATER SUPPLIED DURING 1871-72.				APPROXIMATE AREA IRRIGATED DURING DECEMBER 1871.				RAINFALL.				NAVIGATION RETURN.				CHIEF IRRIGATION.		REMARKS.	
		Full supply depth.	Estimated full discharge in cubic feet per second.	Average depth throughout the month.	Average discharge in cubic feet per second throughout the month.	District.	Area actually receiving water during month in acres.	(Of column 8 area receiving water for first time during current year.	Total of column 9 for all previous months of current year.	Total area irrigated up to date during the current year.	Inches during the month.	Inches up to date during the year.	Average of ten previous years for the same period.	Nature of traffic.	Number of boats.	Tonnage.	Tonnage.	Approximate value of goods.	Per column 8.		Per column 9.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Orissa	High Level	8	675	4.80	Still water.	Cuttack	10,721	...	10,721	10,721	...	49.24	55.18	Local	31	55	771	291 8 0	Rice	Rice	Canal closed from 15th December 1871. Escorted at Bussulpore closed for repairs.
	Kendrapara	7	1,262	5.09	740.592	Ditto	15,647	79	15,568	15,647	0.16	49.40	58.23	Local	36	174	3,728	4,151 0 0	Cotton & other articles.	Cotton	Canal closed from 15th December 1871 for repairs. Discharge through No. 8 Lock is 1,082 c. ft. per second. Discharge over Man-tree escape, 257 72 c. ft. per second.
	Taldanda	8	1,300	6.25	14.51 or 80 c. ft.	Ditto	1,376	13	1,363	1,376	0.16	49.40	58.23	Local	15	85	1,026	90 0 0	...	...	Canal closed from 15th December 1871.
	Macbhong	...	...	...	...	Ditto	310	5	305	310	0.16	49.40	58.23	...	...	...	...	...	...	...	Only a little water let down to bring boats into Upper Reach.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY—MAIN LINE.

Approximate Return of Traffic for week ended 20th January 1872, on 1,280 miles open.

	COACHING TRAFFIC.			MERCHANDISE AND MINERAL TRAFFIC.			Total traffic receipts.
	Number of passengers.	Coaching receipts.		Weight carried.	Receipts.		
		Rs. As. P.	£ s. d.	Mds. Srs.	Rs. As. P.	£ s. d.	£ s. d.
Total traffic for the week ...	96,851	1,39,543 4 9	12,791 9 4	666,694 0	4,31,582 9 3	39,561 14 9	52,353 4 1
Or per mile of railway ...	...	109 0 4	9 19 10	.....	337 2 9	30 18 2	40 18 0
For previous 2 weeks of half-year ...	171,278	2,92,504 12 8	26,821 3 10	1,416,938 20	9,50,548 0 8	87,133 11 4	113,954 15 2
Total for 3 weeks ...	267,129	4,32,138 1 5	39,612 13 2	2,107,632 20	13,82,130 9 6	126,695 6 1	166,307 19 3
COMPARISON.							
Total for corresponding week of previous year ...	190,378	1,49,074 6 10	13,665 3 1	572,184 0	3,81,801 8 7	34,998 9 6	48,663 12 7
Per mile of railway corresponding week of previous year ...	.....	116 8 2	10 13 7	.....	298 6 5	27 7 1	38 0 8
Total to corresponding date of previous year ...	285,560	4,16,892 12 11	38,215 3 6	1,752,653 30	10,72,661 8 8	98,327 6 2	130,542 9 8

EAST INDIAN RAILWAY—JUBBULPORE LINE.

Approximate Return of Traffic for week ended 20th January 1872, on 223 miles open.

		Rs. As. P.	£ s. d.	Mds. Srs.	Rs. As. P.	£ s. d.	£ s. d.
Total traffic for the week ...	5,675	12,986 13 5	1,199 9 2	85,670 0	23,807 15 3	2,182 7 11	1
Or per mile of railway ...	...	58 3 10	5 6 9	...	106 12 2	9 15 9	6
For previous 2 weeks of half-year ...	10,166	20,163 11 5	2,764 14 3	140,869 20	45,399 7 3	4,161 12 4	6,926 7 0
Total for 3 weeks ...	15,241	45,147 8 10	3,955 3 10	226,539 20	69,207 6 6	6,344 0 3	10,290 4 1
COMPARISON.							
Total for corresponding week of previous year ...	3,121	11,571 0 9	1,280 16 11	25,421 10	7,343 7 6	673 3 0	1,962 10 11
Per mile of railway corresponding week of previous year ...	...	63 1 7	5 15 8	...	32 14 11	3 0 5	8 16 1
Total to corresponding date of previous year ...	14,668	48,604 9 3	4,455 8 5	92,658 30	24,005 10 10	2,200 3 5	6,655 18 10

EASTERN BENGAL RAILWAY.

Approximate Return of Traffic for week ended 20th January 1872, on 156½ miles open.

		Rs. As. P.	£ s. d.	Mds. Srs.	Rs. As. P.	£ s. d.	£ s. d.
Total traffic for the week ...	32,367	19,917 0 6	1,828 9 7	97,195 18½	18,819 0 11	1,724 5 1	3,552 14 8
Or per mile of railway ...	...	127 7 4	11 13 8	...	120 3 1	11 0 4	22 14 0
For previous 2 weeks of half-year ...	57,435	37,644 14 6	3,395 15 8	161,179 24½	35,911 9 0	4,291 17 10	6,687 13 6
Total for 3 weeks ...	89,792	56,991 15 0	5,224 5 3	258,375 0	54,721 9 11	6,016 2 11	10,240 8 2
COMPARISON.							
Total for corresponding week of previous year ...	26,507	17,778 4 8	1,629 13 6	112,438 35	24,212 13 10	2,219 10 3	3,849 3 3
Per mile of railway corresponding week of previous year ...	...	113 9 7	10 8 3	...	154 11 5	14 3 8	24 11 11
Total to corresponding date of previous year ...	70,987	48,629 5 9	4,457 13 10	305,385 9	65,262 1 2	5,982 7 1	10,440 0 11

CALCUTTA AND SOUTH-EASTERN STATE RAILWAY.

Approximate Return of Traffic for Week ended 20th January 1872, on 28 miles open.

		Rs. As. P.	£ s. d.	Mds. Srs.	Rs. As. P.	£ s. d.	£ s. d.
Total traffic for the week ...	13,080½	1,568 10 6	156 17 4	14,263 0	887 6 0	38 14 9	193 12 1
Or per mile of railway ...	...	56 0 5	5 12 1	...	13 13 4	1 7 8	6 19 9
For previous 15 weeks of half-year ...	83,811½	12,725 6 9	1,272 10 10	170,742 10	5,560 5 0	556 0 7	1,828 11 5
Total for 16 weeks ...	96,915	14,294 1 3	1,429 8 2	191,005 10	5,947 11 0	594 15 4	2,024 3 6
COMPARISON.							
Total for corresponding week of previous year ...	10,792	1,467 3 0	146 14 5	9,829 0	818 15 3	31 17 11	178 12 4
Per mile of railway corresponding week of previous year ...	...	52 6 4	5 4 9	...	11 6 8	1 2 9	6 7 6
Total to corresponding date of previous year ...	95,468½	15,207 11 6	1,520 15 5	176,508 28	5,750 15 9	575 2 0	2,005 17 5

No. 7

of 1872



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, FEBRUARY 14, 1872.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE may receive the SUPPLEMENT, separately, on payment of Six Rupees per annum if delivered in Calcutta, or twelve Rupees if sent by Post.

CONTENTS.

	Page.		Page.
PROCEEDINGS of the Council of the Lieutenant-Governor of Bengal for the purpose of making Laws and Regulations, held on the 10th February 1872	153	Abstract of Observations as received in the Meteorological Reporter's Office, Calcutta, during the half month, 1st to 15th December 1871	164
Statement showing Rainfall, Weather, State, and Prospects of the Crops in the different districts of the Lower Provinces of Bengal for the week ending 10th February 1872	159	Mean Pressures and Temperatures of the preceding table reduced to sea-level, with mean wind directions	165
Weekly Report of Rainfall compiled at the Meteorological Reporter's Office	161	Results of the Meteorological Observations taken at the Surveyor-General's Office, Calcutta, from 1st to 8th February 1872	166
Meteorological Telegraphic Report for the period 4th to 10th February 1872	163	Weekly Return of Traffic Receipts on Indian Railways	167

Proceedings of the Council of the Lieutenant-Governor of Bengal for the purpose of making Laws and Regulations.

Saturday, the 10th February 1872.

Present:

J. GRAHAM, ESQ., ADVOCATE-GENERAL, *Presiding*.
 V. H. SCHALCH, ESQ.,
 H. L. DAMPIER, ESQ.,
 A. R. THOMPSON, ESQ.,
 S. C. BAYLEY, ESQ.,
 C. E. BERNARD, ESQ.,
 MOULVIE ABDUL LUTEEF, KHAN BAHADOOR,
 B. D. COLVIN, ESQ.,
 T. M. ROBINSON, ESQ.,
 BABOO DIGUMBER MITTER,
 and
 RAJAH JOTEENDRO MOHUN TAGORE, BAHADOOR.

JUTE WAREHOUSES: FIRE-BRIGADE.

MR. BERNARD moved that the Bill to amend the law for the registration of jute warehouses, and to provide for the establishment of an efficient fire-brigade, be considered in order to the final settlement of its clauses. He said the clauses were settled by the Council at its last meeting, but the Bill was not then passed, as several important alterations were made on that day, and it was considered expedient that the Bill should be republished before being passed. Yesterday and to-day notice had been given of some further amendments

which were to be proposed, and he therefore moved that they should be taken into consideration in the order in which they stood.

BABOO DIGUMBER MITTER said, that the necessity of the first amendment of which he had given notice would become apparent when it was considered that the time for putting the Act into operation would be entirely contingent on the completion of the inspection and submission of the report of the Select Committee of the Justices provided for under section 5 of the Bill. The number of jute warehouses scattered over the town was so large that the preliminaries might not be gone through by the 15th of July next, the date fixed for the submission of the Committee's report. It was to remove all incentives to undue haste in the work of inspection and inquiry, and to its being perfunctorily performed, and licenses in respect to existing warehouses being wantonly withheld, that he thought some words of the kind he proposed were necessary. He would therefore move the substitution, in lines 1 and 2 of section 3, of the words "such date as the Lieutenant-Governor may appoint and notify in the *Calcutta Gazette*," for the words "the 31st July next after the passing of this Act."

MR. COLVIN said, it was incumbent on him to oppose this amendment. The amendment appeared to him to strike at an essential principle of the Bill, that within the shortest reasonable time existing jute warehouses should be brought within the operation of this Act. The measure had been introduced to the Council as a somewhat urgent one, as dealing with a question which demanded early and prompt legislation. It appeared to him most necessary that some early date should be fixed for the commencement of the Act, and in fixing the 31st July he considered that the earliest rather than the latest desirable date had been fixed. Any one acquainted with the jute trade would agree with him that no more reasonable or more practicable date could be fixed than the end of the annual jute season; and it would be more convenient to the owners of jute warehouses that the Act should take effect from that date. He would venture to say that the practical result of the amendment which had been proposed would be to defer the commencement of the operation of the Act to another jute season. He was sure that the hon'ble member himself did not intend that his amendment should have that effect. Although Mr. Colvin was not willing that the operation of the Act should be precipitated, he thought that the 31st July next was not too early a date to fix for the commencement of the Act, and he did certainly object to its being put off to an indefinite date. The hon'ble member had based his objection to the date fixed for the commencement of the Act on the ground that the work of inspection could not be properly done within the time allowed; but Mr. Colvin trusted that the Council would support the decision of the Select Committee by adhering to the date fixed by them.

The motion was then put and negatived.

BABOO DIGUMBER MITTER moved that in line 8 of section 4 the words "person using the same" be substituted for the words "owner or occupier thereof." He said the Council would observe that the penalty on default being made in taking out a license was enforceable only against the occupier or person using the warehouse; he did not therefore see the necessity of requiring the owner of the premises to take out a license when his non-compliance with the requisition could not be enforced by a penalty: he would make the occupier or person using the premises only liable to take out a license.

MR. DAMPIER said that perhaps the hon'ble member did not observe that the provision to which he referred was permissive: the section said that no warehouses should be used for the storage of jute or cotton unless the owner or occupier took out a license. It did not impose any liability on the owner, but simply enabled the owner of the premises to take out a license instead of the occupier, if he did not do so.

THE PRESIDENT observed that the license must be taken out by either the owner or occupier: he thought the hon'ble member's explanation satisfied the objection raised by the hon'ble mover of the amendment.

The motion was then put and negatived.

BABOO DIGUMBER MITTER moved the insertion, after "thereof" in line 17 of section 6, of the following words:—

"In case the said person is unwilling to comply with the said restrictions and conditions, he may serve a notice upon the owner, with a copy of the certificate annexed thereto, calling upon him to comply with the terms thereof; and in case the owner declines or fails to carry out the same within a reasonable time, the lease of the jute warehouse (provided that the terms thereof shew that the said warehouse was leased expressly for the storage of jute or cotton) shall thereupon stand cancelled."

He said this was simply an attempt at a solution of the complications that would necessarily arise in the relations of landlord and tenant on the passing of this Act. He was, however, very far from being satisfied that the amendment he proposed would meet the whole difficulty, but it would go to some extent towards it, and he left it entirely to the Council to decide the matter.

MR. BERNARD said, he thought this amendment was an extremely important one, and he agreed with the hon'ble President that if the principle of the amendment were accepted by the Council it would be possible to put the amendment in a better form of words than that in which it now stood. For his own part he thought that a clause of this scope would unnecessarily commit the Legislature to interference with existing agreements of this particular kind. As the amendment stood, it would only affect those leases which by their terms expressly showed that the lease was granted for a jute warehouse. He was not sure (nor, he believed, was the hon'ble member,) whether such a clause existed in many leases: it probably did not exist in many leases; but until inquiry was made, neither the hon'ble member nor the Council could say. If such a clause did not exist in the leases, then the clause would simply become inoperative; but if it did, then this amendment would alter the conditions of all existing leases, and it would throw the burden of putting jute warehouses into order on the owner, and take it away entirely from the occupier. Mr. Bernard should be very glad if the President would see fit to give the Council the benefit of his advice on the legal question; and if the principle of the amendment which the hon'ble member proposed was accepted by the Council, Mr. Bernard thought the Bill ought not to be finally passed that day with an important amendment of this kind. The consideration of the Bill would have to be postponed, so that the amendment might be carefully considered and the people interested in it might have an opportunity of expressing their opinion upon it.

THE PRESIDENT said that this was a very important amendment, and as it affected the rights of property to a great extent, he thought it should not be disposed of in a hasty way. The notice of amendment had only reached him that morning, and he had not had sufficient time to consider the matter carefully; but the question of principle being now before the Council, he thought it would be fair to consider it. He believed there were very few instances in which it was expressed in the lease that the house and premises should only be used for the storing of jute; but he understood there were many leases in which there was the mutual understanding between the parties that the premises were to be used for a jute screw-house. He did not wish to give an off-hand opinion upon the subject, but he thought that in the case of a lease in which it was expressly agreed that the premises should be used only as a jute warehouse, and a supervening law came in to the effect that it should not be so used in its existing state, whereby it became impossible for the tenant to get the benefit of his lease, the contract would be held to be dissolved, inasmuch as a beneficial enjoyment would be rendered impossible by the act of the law. But there were many other cases in which, without any such express words in the lease, or words necessarily leading to that conclusion, it might be well understood that the object of the party taking the lease was for the purpose of a jute warehouse: the parties in fact did not contemplate a new law requiring other conditions, involving an increase of expense in putting the premises into a condition which the existing law did not require. Therefore, if the tenant was prohibited from carrying out the purposes for which he took the lease, the President thought it was only just that he should in some way be protected. On the other hand, as this Act stood, the landlord might hold the tenant to his lease, notwithstanding that he might not be able to carry on the purposes for which he took the

premises and the Act made no provision that it should be obligatory on the landlord to permit the alterations requisite to qualify the premises for a license. Under these circumstances it did seem fair that some arrangement should be made to adjust these differences. The question was, how was that to be done. The principle, he thought, of a law which interfered and imported particular conditions in order to carry on trade, should be that the landlord should pay the expenses of the alterations, and that he should be entitled to some interest upon the money which he was compelled to lay out; and also that it should be obligatory on the landlord, in cases where the premises were in reality let for the purpose of a jute warehouse, either to make or allow the tenant to make the necessary alterations in the premises which were required by the law to put them in a proper state for the carrying on of the business. The result would be that the landlord would be compelled to allow the alterations to be made at his expense, and that the tenant should pay something by way of interest for that expenditure.

MR. DAMPIER said that he thought sufficient time should be given for the consideration of such a clause, and that the Council should not be called upon to decide the matter at once.

MR. BERNARD said he thought that it would be well to take the sense of the Council whether they wished to make an amendment of this kind at all: if it should be carried in the affirmative, it would be on the understanding that the Bill should not be passed that day, and that the wording of the section should be well considered and laid before the Council as early as possible.

MR. BAYLEY said that the alternative of rejecting the amendment merely involved leaving the difficulty to be dealt with by the Courts under existing principles of law instead of introducing a new principle; and if he had understood the hon'ble President rightly, and it was the case that very few leases did contain a special clause showing that the warehouse was leased expressly for the storage of jute or cotton, then the amendment would be very rarely operative, and the practical result would be precisely the same, and would leave the whole question for decision under the law as it stood. He was not sure that it would be worth while to introduce a questionable interference with existing rules of law merely for this object. In the case of the destruction of a jute warehouse by fire, the tenant would bear the loss of the remainder of his lease, and the owner would suffer the loss occasioned by the fire. He thought this was an equitable principle. He thought therefore that there was some danger in the Council laying down a general principle of law which was to deal with leases of different periods of duration, some of which were said to be for fourteen years: while the great majority of these leases were, he believed, for short terms, mainly from year to year; and in respect to these small leases the principle would be nugatory if not injurious. If we allowed a notice of six months to be given to the landlord, by that time most of the leases would be at an end; and in the case of very long leases, the principle of ultimate private adjustment would hold good whether the loss, in the first instance, fell partly upon the owner and partly upon the occupier, or wholly on the occupier, or wholly on the owner: but the principle would operate very differently in the case of long and of short leases. On the whole he thought it would be well to leave the matter as it stood; if there was any legal difficulty, one or two cases would settle it.

MR. DAMPIER said that if this question was to be put to the vote, it was necessary to draw the attention of the Council to a point as to which the remarks of the hon'ble member in charge of the Bill seemed to him (Mr. Dampier) to be not quite accurate. The hon'ble member had said, that the effect of the amendment as it now stood would be to throw the whole cost and responsibility on the owner, instead of on the occupier, but it appeared to Mr. Dampier that there was a self-adjusting limit, which he thought would work somewhat in this way. If the lease was for a short term the occupier would not make the alterations himself; he would call on the owner to do so. It would be at the option of the owner to make them or not. He might say to the occupier, "If you do not choose to incur the expense, throw up your lease." But on the other hand if the lease was one of those fourteen years' leases, which had been

referred to, and if the owner thought that it would be worth the occupier's while to incur the expense, the owner would refuse to make the alterations and leave the expense to be borne by the occupier. He thought the matter would adjust itself by the circumstances of each particular case.

MR. ROBINSON said that he was inclined to think that the best course would be to confine this Bill to the simple object of securing the safety of the town from fire. As far as his experience went, he did not think that the difficulty of the landlord and tenant adjusting these matters between themselves would be very great. From the nature of leases in Calcutta he did not think that those difficulties were worth much attention, and he could not foresee the slightest inconvenience in leaving the landlord and tenant to arrange between themselves how they were fairly to meet the provisions of the law. He believed any attempt to do so would only lead to confusion and difficulty; whereas, if the parties were left alone, no such difficulties would arise.

MR. SCHALCH said, if it were competent to him to move an amendment, he would suggest that the section should stand over for consideration till the next meeting of the Council. Those who were in favor of such an amendment could vote for it, and if the amendment were carried, a section might be so prepared in the interval before the next meeting of the Council as to meet the opinion and views which had been expressed by the President. Such a course would bring the question before the Council in a more complete shape, and the matter could then be fairly discussed and decided.

THE PRESIDENT said he thought, the best course would be to take the votes on the substantive motion first: if that motion was affirmed, the question could then be postponed for further consideration at the next meeting of the Council.

The Council then divided:

AYES—3.

Baboo Digumbar Mitter.
Mr. Dampier.
The President.

NOES—8.

Rajah Joteendro Mohun Tagore.
Mr. Robinson.
Mr. Colvin.
Moulvie Abdool Luteef.
Mr. Berrard.
Mr. Bayley.
Mr. Rivers Thompson.
Mr. Schalch.

The motion was therefore negatived.

On the motion of Mr. Bernard two verbal amendments were made in section 6.

MR. BERNARD moved the insertion, after the the word "suspend" in line 3 of section 9, of the words "for such time as they shall think fit." He said that by this section the Justices had the power to suspend any licenses, but the section did not say for what period the suspension should continue. It seemed right that if the Justices had the power to suspend a license, they should also have power to determine for what period the suspension should take effect.

The motion was agreed to.

In section 13, MR. BERNARD moved the insertion of the words "or cancelled" after the word "refused" in line 6; and of the words "or during the time for which such license shall have been suspended" after the word "thereof" in the same line. He said these amendments were introduced to give effect to section 9. As section 13 stood, a penalty was imposed for using a jute warehouse after the refusal to grant a license. But if the Justices had power (as they would have under section 9) to cancel a license which they had granted, or to suspend it for a certain time, it seemed necessary that some penalty should be imposed for a breach of the order cancelling or suspending the license. These words were therefore proposed to be inserted with that view.

The motions were severally agreed to.

On the motion of MR. BERNARD a verbal amendment was made in section 14.

MR. BERNARD moved the introduction, at the end of clause (3) of section 16, of the words "not being members of the Calcutta and Suburban Police

Force." He said that the object of the amendment was this. As the section stood the Justices at a special meeting had the power to frame bye-laws, amongst other things, for the training, discipline, and good conduct of the members of the fire-brigade. It had been pointed out that if the fire-brigade was to be worked cheaply, and the town was not to be heavily burdened for its support, then it would naturally happen that the European and Native members of the Calcutta Police should be the persons appointed to work it. As the Council were aware, the Police force of Calcutta was not managed directly by the Justices, but by the Commissioner of Police under the local Government, and the Commissioner of Police would take care to see that the officers of police appointed to the fire-brigade attended to their own police duties. If that were to be done, it would be necessary to make many members of the police force also members of the fire-brigade. For instance, the Chief Officer might be an officer of the police; if he were not a police officer, it would be necessary that he should be well paid for the responsible position he would hold, and the large powers he was authorized to exercise under section 17. He would naturally be idle the greater part of the year, for fires were not now of frequent occurrence in Calcutta, and in certain seasons he would have no duties at all to perform. The time of a highly paid man would therefore hardly be fully occupied. While if the Chief Officer was a police officer, and if the justices passed these bye-laws for the training and discipline of the brigade, he would have to serve two masters, and would thus be placed in a difficult position. It seemed better, therefore, that the members of the Calcutta Police force, who should also be members of the fire-brigade, should not be subject to the bye-laws of the Justices.

The motion was agreed to.

MR. BERNARD moved the omission from section 18 of all the words after the word "magistrate" in line 6, and the substitution for them of the words "having jurisdiction in the place in which such fire shall have occurred, and the said magistrate, in any case where he may see fit, shall summon witnesses and take evidence in order to the further ascertainment of such facts". He said that the words which he proposed to omit were inserted at the last meeting of the Council, with the object of taking the conduct of the investigation as to the cause of a fire, from the hands of the executive and imposing that duty on a judicial officer. As the section stood it was not quite clear whether the obligation to make enquiries of this kind lay on the magistrate, in every case of fire. As everybody must know some fires were small and unimportant; others were extensive, and regarding which very careful enquiries were necessary. It seemed to Mr. Bernard unnecessary to burden the magistrate with the duty of making enquiries in every case of fire. The amendment therefore provided for the Chief Officer of the fire-brigade making enquiries in every case, and he would report to the magistrate, who in cases of doubt or difficulty would then, if he thought fit, make an enquiry. Another object of the amendment was to correct an inaccuracy of expression in the section as it now stood. As it now read, the report was to be made to "the Magistrate of Police of the town or division of the town in which the fire shall have occurred;" but as the Council knew the Act would apply to the suburbs as well as to Calcutta, and the amendment which Mr. Bernard proposed provided that the report of the Chief Officer should be made to the magistrate having jurisdiction in the place in which the fire should have occurred.

The motion was agreed to.

MR. BERNARD said that as the Council had come to a decision adverse to the only important amendment of principle which had been proposed, and as the amendments which had been agreed to did not make any substantive alteration in the provisions of the Bill, he would now move that the Bill, as amended, be passed.

The motion was agreed to, and the Bill was passed.

The Council was then adjourned to a day of which notice would be given.

Rainfall, Weather and State and Prospects of the Crops.

Statement showing Rainfall, Weather and State and Prospects of the Crops in the different Districts of the Lower Provinces of Bengal, as reported to Government during the week ending 10th February 1872.

No.	District.	Date of return from each district.	Rainfall at Sudder Station, in inches.	Character of the weather in the district, as far as known.	State and prospects of the crops at date.	REMARKS.
		1872.				
1	Bhaugulpore	Feb. 10th	0.5	Cold	Very good. The rain has injured the linseed a little and mango much, which is in blossom, and is a large and important crop in the district.	
2	Monghyr	" 10th	0.4	Rainy	Favorable.	
3	Purneah	" 10th	0.4	Rainy and cloudy	A full outturn of all the crops expected almost throughout the district.	
4	Rajmehal.					
5	Deoghur.					
6	Nya Doonka					
7	Godda	" 10th	* Heavy shower on 5th.	Cloudy, then fair	The rain has been beneficial to khesari (a kind of pulse) and to sugar-cane.	* No rain gauge.
8	Pakour	" 10th	†	Cloudy and rainy, and then clear and cold.	Gram injured, and mustard and wheat benefited by the rain.	† Not observed owing to absence at Rajmehal.
9	Jamtarra	" 10th	1.0	Rainy, and then fine and bracing.	No crops on the ground.	
10	Patna	" 10th	0.4	Partly clear and partly cloudy.	Spring crops better owing to improvement in weather.	
11	Gya	" 10th	1.8	Damp and cloudy	The spring crops have suffered to some extent owing to the excessive fall of rain.	
12	Chumparun	" 10th	0	Cool	Spring crops promise well.	
13	Sarun	" 10th	0.2	Fine and very cold	The westerly winds favorable to the spring crops, which are good.	
14	Shahabad	" 10th	0.3	Fair	The winter crops continue promising, though peas and musoor are slightly injured; the strong west-wind and a bright sun will do very possible good to the crops.	
15	Tirhoot	" 10th	0	Fair and cold	Spring crops promise well.	
16	Rajshahye	" 8th	2.4	Cool and pleasant, then rainy and foggy.	The spring crops daily improving.	Small-pox prevailing in some places.
17	Bograh	" 2nd	0.1	Cloudy and foggy	Good.	
18	Dinagapore	" 10th	0.2	Foggy, cloudy, and rainy, and piercing cold.	Little of winter crops grows in the district; mustard scanty owing to want of rain in October.	
19	Maldah	" 10th	0.9	Cloudy and rainy, then westerly wind and much cold.	Good.	
20	Moorshedabad	" 10th	2.4	Fair, then cloudy and rainy.	Good.	
21	Pubna	" 10th	2.1	Variable; heavy rain with wind, thunder, and lightning.	Good.	
22	Rungpore	" 10th	0	Gusty and cold	Ploughing going on.	
23	Burdwan	" 10th	†	Partly fair and partly cloudy.	Favorable	† Not received.
24	Bancoorah	" 9th	0.9	Cool and cloudy	The rain has done much good to the crops.	
25	Beerbhoom	" 10th	1.2	Wet and stormy, then very fine.	Outturn of 12 annas in some places and still less in others of spring crops expected.	
26	Hooghly	" 10th	3.3	Clear and cloudy	Winter crops good.	
27	Howrah	" 10th	0	Favorable	Satisfactory.	
28	Midnapore	" 8th	0.1	Fair	Good.	

No.	District.	Date of return from each district.	Rainfall at Sudder Station, in inches.	Character of the weather in the district, as far as known.	State and prospects of the crops at date.	REMARKS.
1872.						
29	Nuddea	Feb. 10th	1.7	Cool and clear	Winter crops not very good, but improving since the rain.	
30	Jessore	" 9th	2.2	Cloudy and rainy.	*	* Nothing reported.
31	24-Pergunnahs	" 10th	Slight	Fair, and then cloudy and rainy.	Spring crops good.	
32	Dacca	" 10th	0.6	Cloudy and rainy, then fair and dry.	Good.	
33	Backergunge	" 9th	0.4	Cold and fair, then rainy.	Good.	
34	Furreedpore	" 10th	0.7	Cloudy and rainy, then cold and fine.	Good; the rain has done much good to all standing crops.	General health good; few cases of cholera in one thanmah.
35	Mymensingh	" 3rd	0	Fair	Good.	
36	Sylhet	" 3rd	0	Good	Very good.	
37	Cachar	" 3rd	0	Fair, cold, and dull	Good.	
38	Chittagong	" 3rd	0	Warm	Generally favorable.	
39	Noakhally or Bulloah	" 2nd	0	Fair	†	† Not received.
40	Tipperah	" 2nd	0	Cool and dry	Mustard tolerably good.	
41	Hill Tracts of Chittagong.	" 3rd	0	Foggy	Good.	
42	Cuttack	" 10th	0.4	Seasonable	Good.	
43	Balasore.	"				
44	Pooree	" 2nd	0	Hotter for the season.	Satisfactory, except in the Chulka isthmus. Embankments and excavations as relief works going on in Malood and Parikood.	
45	Hazareebaugh	" 10th	0.5	Stormy and rainy	Crops improved by the rain.	
46	Lohardugga	" 9th	0.9	Cloudy and cold, with a slight fall of hailstones.	Fair, but the cloudy weather will do harm if it continues.	
47	Maunbhoom	" 10th	.8	Fine	Wheat, barley, gram, peas, urhur, linseed, and rape, have improved by the rain.	
48	Singbhoom	" 3rd	0	Dry and cold	Unfavorable as regards pulses.	
49	Durrung	" 3rd	0.3	Variable	Sugar-cane and mustard doing well.	
50	Nowgong	" 2nd	2.1	Unsettled with rain, thunder, and storm.	Spring crops promising well.	
51	Seelsaugor	" 3rd	0.4	Cool, damp, and cloudy.	Crops reaped.	
52	Kamroop	" 3rd	0	Cold and dry	Salce crops favorable.	
53	Luckimpore	" 3rd	0.6	Fair	Satisfactory.	
54	Khasi and Jynteah Hills.	" 2nd	0	Fair	No standing crop, except a little of cotton.	
55	Naga Hills	Jan. 26th	0.1	Fine, cold, and seasonable.	Work still going on in the "jhumis;" "koni-dhan" being sown.	
56	Julpigoree	Feb. 10th	0	Very cold and cloudy.	Mustard not good; spring crops poor for want of rain; price of rice rising.	
57	Gowalparah	" 3rd	0	Foggy and cloudy	Winter crops reaped; mustard not good.	
58	Garo Hills	" 3rd	0	Fair	No crops on the ground.	
59	Darjeeling	" 9th	0.1	Very cold and misty.	Wheat and barley once promising, looking dry for want of rain; crops in the terai promising.	
60	Cooch Behar	" 3rd	1.2	Cloudy	Good.	

The Deputy Commissioner of Darjeeling remarks:—

"I may note a strange meteorological phenomenon observed on the morning of Monday last, the 5th of February 1872. About 1 A.M. of Monday a glorious blush of crimson was observed, covering a large expanse of the heavens to the North of the station. Stars twinkled through this light. Several gentlemen watched the phenomenon for a lengthened time, and declared they never witnessed a more gorgeous sight. It was evidently unusual, as the Bhooteahs of the place say they have never seen the like. The light was steady, and sustained from 1 A.M. to 4 A.M., and could not, the observers say, have been the reflection of a fire, however extensive."

B. W. D. MORTON,
Deputy Commissioner.

Darjeeling, 10th February 1872.

N. B.—The columns of the districts from which returns have not been received remain blank.

Published for general information.

FORT WILLIAM,
The 13th February 1872.

R. H. WILSON,
Offg. Under-Secy. to the Govt. of Bengal.

Weekly Report of Rainfall compiled at the Meteorological Reporter's Office.

DIVISION.	Stations.	Rain from 22nd to 28th Jan. 1872.	Rain from 29th Jan. to 4th Feb. 1872.	RAIN FROM 1st JANUARY 1872.		REMARKS.
				Inches.	Up to date.	
CUTTACK.	Cuttack { Telegraph Office ...	Nil	Nil	Nil	4th Feb. 1872.	
	False Point { Jail ...	ditto	ditto	ditto	ditto.	
	Jajipore ...	Not received	ditto	ditto	28th Jan. 1872.	
	Kendraparah ...	ditto	ditto	ditto	21st Jan. 1872.	
	Jugutasingpore ...	ditto	ditto	ditto	ditto.	
	Sumbulpore ...	ditto	ditto	ditto	7th Jan. 1872.	
	Balasore ...	Nil	ditto	ditto	28th Jan. 1872.	Not received 15th to 21st Jan.
	Bhuddruck ...	ditto	Nil	ditto	4th Feb. 1872.	
	Poorce ...	ditto	ditto	ditto	ditto.	Not received 8th to 14th Jan.
	Khoordah ...	Not received	Not received	ditto	7th Jan. 1872.	
CHOTA NAGPORE.	Hazareebangh { Jail ...	Nil	0.46	0.70	4th Feb. 1872.	
	Dispensary ...	ditto	0.81	0.73	ditto.	
	Burhee ...	Not received	Not received	0.10	21st Jan. 1872.	
	Puchumba ...	Nil	0.46	0.46	4th Feb. 1872.	
	Ranchee ...	ditto	0.54	0.54	ditto.	
	Palamow ...	ditto	Not received	0.55	28th Jan. 1872.	
	Purulia ...	ditto	0.28	0.28	4th Feb. 1872.	
	Gobindpore ...	ditto	Not received	Nil	28th Jan. 1872.	
PATNA.	Chyebassa ...	ditto	Nil	ditto	4th Feb. 1872.	
	Patna (Bankipore) ...	1.32	0.83	2.85	ditto.	
	Dinapore { Jail ...	1.58	0.29	2.75	ditto.	
	Cantonment ...	1.70	0.67	3.22	ditto.	
	Belah ...	0.69	1.00	2.06	ditto.	Not received 8th to 14th Jan.
	Barh ...	1.18	Not received	1.68	28th Jan. 1872.	
	Gya ...	0.15	ditto	0.43	ditto.	
	Sherghotty ...	Nil	0.38	0.48	4th Feb. 1872.	
	Nowadali ...	ditto	1.51	1.51	ditto.	
	Arungabad ...	1.03	0.98	3.12	ditto.	
	Chumparun ...	0.51	Not received	0.51	28th Jan. 1872.	Not received 1st to 7th and 15th to 21st Jan.
	Bettiah ...	Not received	ditto	0.70	21st Jan. 1872.	
	Chuprah ...	1.50	0.20	2.50	4th Feb. 1872.	
	Sewan ...	0.43	0.03	1.21	ditto.	Not received 8th to 14th Jan.
	Mozufferpore ...	1.40	0.20	2.30	ditto.	
	Durbhangah ...	0.94	0.16	1.12	ditto.	
	Seetainaree ...	0.25	0.30	1.25	ditto.	
	Tajpore ...	1.20	Not received	3.40	28th Jan. 1872.	
	Mudhubani ...	2.00	ditto	2.42	ditto.	
	Hajipore ...	1.59	1.00	3.07	4th Feb. 1872.	
	Arrah ...	1.45	0.35	2.57	ditto.	
	Buxar ...	1.15	0.30	2.88	ditto.	
	Sasseram ...	0.45	0.90	1.54	ditto.	
	Bhubhoobah ...	1.15	Not received	1.10	28th Jan. 1872.	
	Benares ...	1.55	Nil	1.55	4th Feb. 1872.	
BRAHMPUR.	Bhaugulpore ...	0.11	0.27	0.48	ditto.	
	Mudheypoorah ...	0.50	Nil	0.50	ditto.	
	Banka ...	0.28	0.90	1.52	ditto.	
	Soopool ...	0.99	Not received	0.99	28th Jan. 1872.	
	Monghyr ...	1.05	0.44	1.71	4th Feb. 1872.	
	Jamooie ...	Nil	Not received	Nil	28th Jan. 1872.	
	Begooesrai ...	1.00	2.05	3.05	4th Feb. 1872.	
	Deoghur ...	Not received	1.09	1.13	ditto.	Not received 22nd to 28th Jan.
	Jamtara ...	Nil	0.50	0.50	ditto.	
	Rajmehal ...	ditto	Nil	Nil	ditto.	
	Pakour ...	Not received	ditto	ditto	...	Not received 15th to 28th Jan.
	Nya-Doomka ...	Nil	0.32	0.32	ditto.	
	Purneah ...	1.20	0.25	1.45	ditto.	
	Kishengunge ...	1.36	Not received	1.36	28th Jan. 1872.	
	Arrareah ...	Not received	ditto	...	...	
RAJSHAHY.	Rampore Beaulah ...	Nil	0.28	0.28	4th Feb. 1872.	
	Nattore ...	ditto	Not received	Nil	28th Jan. 1872.	
	Bograh ...	ditto	ditto	ditto	ditto.	
	Dinagepore ...	0.60	0.67	1.62	4th Feb. 1872.	
	Maldah ...	0.94	0.41	0.50	ditto.	
	Berhampore ...	Nil	0.37	0.41	ditto.	
	Jungipore ...	ditto	0.43	0.52	ditto.	
	Lalbagh ...	ditto	0.26	0.37	ditto.	
	Jamooakandi ...	ditto	0.57	0.59	ditto.	
	Pubna ...	ditto	0.06	0.06	ditto.	
	Serajgunge ...	ditto	0.80	0.60	ditto.	
	Bungpore ...	ditto	0.10	0.10	ditto.	
	Bhowanigunge ...	ditto	Not received	Nil	28th Jan. 1872.	
	Titalya ...	1.23	0.10	1.38	4th Feb. 1872.	
BURDWAN.	Burdwan ...	Not received	0.03	0.02	ditto.	Not received 22nd to 28th Jan.
	Cutwa ...	Nil	0.60	0.72	ditto.	
	Quina ...	Not received	0.01	0.08	ditto.	Not received 1st to 7th and 22nd to 28th Jan.
	Bood-Bood ...	ditto	0.80	0.80	ditto.	Not received 22nd to 28th Jan.
	Bancoorah ...	Nil	0.05	0.05	ditto.	
	Rancegunge ...	ditto	0.12	0.27	ditto.	
	Sooree ...	ditto	1.28	1.35	ditto.	
	Hooghly ...	ditto	Nil	0.50	ditto.	
	Serampore ...	0.06	ditto	0.22	ditto.	
	Johanabad ...	Not received	Not received	...	...	
	Howrah ...	Nil	Nil	Nil	4th Feb. 1872.	
	Midnapore ...	ditto	ditto	ditto	ditto.	
	Contai { Dy. Collr.'s Office ...	ditto	Not received	1.35	28th Jan. 1872.	
	Ass. Magr.'s Office ...	ditto	Nil	1.00	4th Feb. 1872.	
	Gurhatta ...	ditto	Not received	Nil	28th Jan. 1872.	
	Tinalook ...	0.13	ditto	0.13	ditto.	Not received 8th to 21st Jan.

DIVISIONS.	Stations.	Rain from 29th Jan. to 4th Feb. 1872.	Rain from 29th Jan. to 4th Feb. 1872.	RAIN FROM 1st JANUARY 1872.		REMARKS.
				Inches.	Up to date.	
PRESIDENCY.	Kishnaghur ...	Nil	Not received	0.08	28th Jan. 1872.	
	Bongong ...	ditto	ditto	Nil	ditto.	
	Ranaghat ...	ditto	ditto	ditto	ditto.	
	Meherpore ...	ditto	ditto	0.08	ditto.	
	Chooadangah ...	ditto	ditto	0.10	ditto.	
	Kooshtea ...	ditto	Nil	Nil	4th Feb. 1872.	
	Jessore ...	ditto	ditto	0.09	ditto.	
	Khoolnah ...	ditto	ditto	Nil	ditto.	
	Jemidah ...	Not received	Not received	0.20	21st Jan. 1872.	
	Nurail ...	ditto	ditto	0.06	ditto.	
	Magoorah ...	ditto	ditto	Nil	ditto.	
	Bagirhaut ...	ditto	ditto	ditto	ditto.	
	Saugor Island ...	Nil	Nil	0.02	4th Feb. 1872.	
	Calcutta ...	ditto	ditto	0.22	ditto.	
	Alipore { Hospital ...	ditto	ditto	Nil	ditto.	
	{ Jail ...	ditto	ditto	ditto	ditto.	
	Barrackpore ...	ditto	Not received	0.70	28th Jan. 1872.	
	Dum-Dum ...	ditto	ditto	1.10	ditto.	
	Baraset ...	ditto	ditto	0.31	ditto.	
	Satkerah ...	ditto	ditto	0.16	ditto.	
	Bussierhaut ...	ditto	ditto	Nil	ditto.	
	Diamond Harbour ...	ditto	ditto	ditto	ditto.	
	Barripore ...	ditto	ditto	ditto	ditto.	
Dacca.	Dacca { Telegraph Office ...	ditto	Nil	0.51	4th Feb. 1872.	
	{ Jail ...	ditto	ditto	0.05	ditto.	
	Burrisaul ...	ditto	ditto	0.37	ditto.	
	Dowlat Khan ...	Not received	Not received	Nil	21st Jan. 1872.	
	Perozepore ...	Nil	Nil	0.37	4th Feb. 1872.	
	Madaripore ...	ditto	ditto	0.70	ditto.	
	Furzedpore ...	ditto	ditto	Nil	ditto.	
	Goalundo ...	ditto	ditto	ditto	ditto.	Not received 15th to 21st Jan.
	Mymensing ...	Not received	Not received	ditto	21st Jan. 1872	
	Jamulpore ...	ditto	ditto	ditto	ditto.	
	Attenah ...	0.02	0.01	0.03	4th Feb. 1872	Not received 1st to 7th Jan.
	Kishoregunge ...	Nil	Not received	Nil	28th Jan. 1872.	Not received 8th to 14th Jan.
CHITTAGONG.	Sylhet ...	0.16	Nil	0.16	4th Feb. 1872.	
	Cachar ...	0.43	Not received	0.67	28th Jan. 1872.	
	Hylakandy ...	0.18	ditto	0.57	ditto.	
	Koyah ...	Nil	ditto	0.47	ditto.	
	Chittagong { Telegraph Office ...	ditto	Nil	0.40	4th Feb. 1872.	
	{ Jail ...	ditto	ditto	0.44	ditto.	
	Cox's Bazar ...	Not received	Not received	0.40	21st Jan. 1872.	
COCH BEHAR.	Rangamatee Hill ...	Nil	ditto	0.50	28th Jan. 1872.	
	Noakhally ...	ditto	Nil	0.59	4th Feb. 1872.	
	Tipperah ...	ditto	ditto	0.26	ditto.	
	Brahmanbariah ...	ditto	Not received	0.87	28th Jan. 1872	
	Akyab ...	ditto	Nil	0.10	4th Feb. 1872.	
	Cooch Behar ...	1.20	ditto	1.20	ditto.	Not received 8th to 21st Jan.
	Buxa ...	0.80	0.55	1.53	ditto.	
ARAW.	Gowiparah ...	0.83	Not received	0.83	28th Jan. 1872.	
	Dhooahree ...	1.00	ditto	1.00	ditto.	
	Tura (Garro Hills) ...	Nil	ditto	Nil	ditto.	
	Darjeeling { Telegraph Office ...	Not received	ditto	...	...	
	{ Hospital ...	0.36	0.14	0.50	4th Feb. 1872.	
	Runghee ...	Not received	Not received	...	...	
	Julpigooree ...	0.98	Nil	0.96	4th Feb. 1872.	
ARAW.	Boda ...	2.00	Not received	2.00	28th Jan. 1872.	
	Tezporo ...	0.45	ditto	0.45	ditto.	
	Nowgong ...	2.40	ditto	2.80	ditto.	
	Mungledye ...	0.64	ditto	0.64	ditto.	
	Burpettah ...	0.53	ditto	0.53	ditto.	
	Gowhatty ...	1.70	Nil	1.70	4th Feb. 1872.	
	Seebangor ...	0.36	Not received	0.84	28th Jan. 1872.	
	Jorehaut ...	Not received	ditto	0.10	14th Jan. 1872.	
	Golaghat ...	ditto	ditto	0.08	21st Jan. 1872.	
	Nazeerah ...	0.95	ditto	0.67	28th Jan. 1872.	
	Debrooghur ...	1.15	ditto	1.65	ditto.	
	Suddya ...	Not received	ditto	0.80	14th Jan. 1872.	
ARAW.	Shillong ...	0.01	ditto	0.01	28th Jan. 1872.	
	Cherrapoonjee ...	0.49	ditto	0.61	ditto.	
	Jaowai ...	0.50	ditto	0.50	ditto.	
	Samoogoodting ...	0.10	ditto	0.10	ditto.	

CALCUTTA,
The 10th February 1872.

HENRY F. BLANFORD,
Meteorological Reporter to the Govt. of Bengal.

Meteorological Telegraphic Report for the period 4th to 10th February 1872.

STATIONS.	Date.	Hour.	Barometer reduced to 32°.	Barometer reduced to sea-level.	THERMOMETER.		Humidity Sat. =100.	WIND.		Rain.	Clouds.	Weather initials.
					Dry.	Wet.		Direction.	Velocity.			
CALCUTTA.	Feb.											
	4th	10	30.044	30.063	73.5	67.5	71	NNE	...	...	C	
	16	16	29.939	29.957	78.0	68.0	54	NW	...	...	C	
	5th	10	30.047	30.066	70.5	63.0	63	E by N	...	...	K	
	16	16	29.913	29.931	78.5	69.0	59	SE	...	...	CS	
	6th	10	29.949	30.007	76.0	70.8	77	ESE	...	...	CK	
	16	16	29.852	29.870	76.0	70.0	69	SSW	...	...	KS	
	7th	10	29.912	29.931	70.6	66.3	77	SW	...	0.78	CS	
	16	16	29.818	29.837	70.5	67.0	82	NW	...	...	K	
	8th	10	29.960	29.979	69.0	61.5	62	WNW	...	...		b
SALGUR ISLAND.	16	16	29.876	29.895	73.7	61.5	44	NW	...	...		b
	9th	10	30.025	30.044	65.5	55.0	49	W by N	...	...		b
	16	16	29.893	29.912	71.9	69.0	41	W by N	...	...		b
	10th	10	30.006	30.025	67.8	58.0	51	SW	...	...		b
	16	16	29.877	29.895	75.2	61.5	41	W by S	...	...		b
	4th	10	30.017	30.023	75	73	80	E	2.7*	...	N	b
	16	16	29.934	29.940	80	72	68	SSW	8.2*	...	K	b, m
	5th	10	30.010	30.016	74	68	72	E	7.2*	...	K	b, m
	16	16	29.906	29.912	79	73	73	SE	10.1*	...	N	b, m
	6th	10	29.968	29.984	78	77	95	SSW	18.6*	...	N	b
CHITTAGONG.	16	16	29.841	29.847	78	71	69	SSW	12.1*	...	N	b, m
	7th	10	29.907	29.913	74	69	76	N	5.7*	0.20	N	b
	16	16	29.797	29.803	78	71	69	N	10.7*	...	N	b, m
	8th	10	29.950	29.956	74	65	59	N	4.5*	...		b, m
	16	16	29.860	29.872	79	64	47	SSW	7.1*	...		b
	9th	10	30.012	30.018	70	58	35	NNE	10.0*	...	K	b, m
	16	16	29.876	29.882	75	62	44	N	9.1*	...		b, m
	10th	10	30.009	30.015	72	64	62	N	6.2*	...	N	b, m
	16	16	29.880	29.886	77	67	56	WSW	7.2*	...	K	b, m
	4th	10	29.934	30.028	74	68	72	N	4.1*	...		b, m
MADRAS.	16	16	29.867	29.900	80	66	44	WSW	6.2*	...		b, m
	5th	10	29.954	30.048	73	64	58	NNE	4.2*	...	K	b, m
	16	16	29.878	29.972	77	66	53	N	6.9*	...	K, KS, CK	b, m
	6th	10	29.946	30.040	73	65	62	N	6.0*	...		b, m
	16	16	29.809	29.902	79	66	47	N	6.3*	...		b, m
	7th	10	29.803	29.957	68	64	79	NNE	5.8*	...	KS	m
	16	16	29.752	29.848	73	69	80	E	3.6*	...	K, CK, KS,	m
	8th	10	29.850	29.954	71	64	66	NNE	4.2*	0.10		b
	16	16	29.794	29.888	76	61	37	W	4.7*	...		b
	9th	10	29.914	30.009	70	61	57	N	4.5*	...		b, m
CUTTACK.	16	16	29.822	29.917	72	58	37	W	7.0*	...		b, m
	10th	10	29.937	30.033	69	61	60	Calm	3.5*	...		b, m
	16	16	29.732	29.826	73	61	40	W	8.2*	...		b, m
	3rd	10	30.036	30.066	68	72	56	N E by E	10*	...		bc
	16	16	29.893	29.923	83	72	58	E by N	11*	...		bc
	4th	10	30.002	30.032	83	73	80	E by N	6*	...		bc
	16	16	29.845	29.915	82	72	59	E by S	10*	...		bc
	5th	10	29.986	30.016	83	73	63	E by S	8*	...		bc
	16	16	29.851	29.881	82	74	66	SE by E	12*	...		bc
	6th	10	29.972	30.002	84	75	64	SE	7*	...		bc
AKYAB.	16	16	29.843	29.873	75	72	85	S by W	7*	0.28		bc
	7th	10	29.941	29.971	84	78	67	S by W	9*	...		bc
	16	16	29.813	29.843	62	74	66	SE by S	11*	...		bc
	8th	10	29.980	30.010	84	76	67	SSE	6*	...		bc
	16	16	29.892	29.902	84	76	67	ESE	9*	...		bc
	9th	10	29.997	30.027	84	74	60	E	3*	...		bc
	16	16	29.900	29.930	84	74	60	E	9*	...		bc
	3rd	10	29.997	30.061	75	68	68	NNE	0.9*	...		fair
	16	16	29.838	29.920	87	70	39	SSW	2.6*	...		fair
	4th	10	29.951	30.034	79	69	58	SSW	1.9*	...	C	fair
K.	16	16	29.813	29.895	86	68	29	SSW	6.0*	...	KS	fair
	5th	10	29.939	30.022	78	70	65	SSE	2.3*	...	N	cloudy
	16	16	29.786	29.868	84	71	50	S	6.8*	...	N, KS	cloudy
	6th	10	29.873	29.956	81	71	59	SSW	2.8*	...	N, KS	cloudy
	16	16	29.729	29.811	84	73	56	NNE	7.4*	...		cloudy
	7th	10	29.851	29.935	75	73	90	WSW	2.5*	0.40		r, fair
	16	16	29.707	29.789	86	70	41	NW	4.7*	...		fair
	8th	10	29.897	29.981	74	60	39	WSW	1.6*	...		fair
	16	16	29.762	29.844	84	62	22	WNW	3.7*	...		fair
	9th	10	29.942	30.048	79	68	37	NNE	1.4*	...		fair
K.	16	16	29.800	29.883	81	62	28	NNE	4.0*	...		fair
	4th	10	30.016	30.088	79	68	80	ENE	1	...		b
	16	16	29.914	29.986	79	78	73	W	1	...	K.	b
	5th	10	30.026	30.048	71	68	85	NE	1	...		b
	16	16	29.904	29.926	79	71	65	W	2	...		b
	6th	10	29.990	30.012	73	70	85	ENE	1	...		m
	16	16	29.864	29.886	79	75	83	W	2	...		b
	7th	10	29.933	29.955	72	69	85	ENE	1	...		b
	16	16	29.837	29.859	78	71	69	W	2	...		b
	8th	10	29.905	29.927	75	71	81	N	1	...		b
K.	16	16	29.842	29.864	79	72	69	WNW	2	...		b
	9th	10	29.984	30.006	71	69	89	NNE	1	...		b
	16	16	29.882	29.904	75	62	44	NW	2	...		b
	10th	10	29.994	30.016	72	61	40	N	1	...		b
K.	16	16	29.872	29.894	72	61	40	NW	2	...		b

* Velocity of wind in miles per hour.

CALCUTTA,
The 10th February 1872.HENRY F. BLANFORD,
Meteorological Reporter to the Government of Bengal.

Abstract of Observations as received in the Meteorological Reporter's Office, Calcutta,

DURING THE HALF MONTH 1st TO 15th DECEMBER 1871.

N.B.—The Barometric data are reduced for temperatures, and not for height above sea-level.

STATIONS.	BAROMETER.				THERMOMETER.										HUMIDITY.				RAINFALL.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	Height above sea-level.	MEAN OF				Range.	SOLAR RADIATION.				Mean of max.	Mean daily range.	Mean of min.	MEAN OF				Highest Max.		Absolute range.	Lowest Min.	MEAN OF				In inches.	No. of days.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
		Mean.	4 hours.	10 hours.	16 hours.		22 hours.	Max.	Day.	Min.				Day.	Min.	4 hours.	10 hours.					16 hours.	22 hours.	Day.	Min.			4 hours.	10 hours.	16 hours.	22 hours.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Port Blair	100	Not received.	30.045	29.941	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...</

Calcutta,
The 10th February 1872.

HENRY F. BLANFORD,
Meteorological Reporter to the Govt. of Bengal.

Mean Pressures and Temperatures of the preceding Table reduced to Sea-Level, with Mean Wind Direction.

STATIONS.	Mean barometric pressure reduced to sea-level.	Mean temperature reduced to sea-level.	WIND.	
			Proportional prevalence, Max.=100.	Mean direction.
Port Blair	...	...	...	...
Madras	30.021	78.0	78	N 36° E
Vizagapatam	30.034	79.6	63	E
Akyab	30.034	73.2	73	N 16° W
False Point	30.100	74.2	60	N 48° E
Cuttack	30.050	75.0	46	N 41° E
Saugor Island	30.053	71.0	58	N 27° E
Chittagong	30.053	68.8	66	N 30° W
Calcutta	30.056	70.2	71	N 60° W
Jessore	30.046	65.9	35	N 8° W
Dacca	30.048	68.4	53	N 36° W
Cachar	30.056	65.7	8	S 2° E
Hazareebaugh	30.008	60.6	60	N 65° W
Berhampore	30.045	64.0	49	N 29° W
Gya	...	67.7	24	N 87° W
Patna	30.053	63.2	19	N 78° W
Monghyr	30.043	65.0	42	S 85° W
Darjeeling	30.008	64.4	14	S 15° W
Gowalparah	30.027	66.9	51	E
Shillong	30.114	64.6	27	N 56° W
Benares	30.072	63.0	8	N 62° W
Roorkee	30.100	59.8	12	N 38° W

NOTE.

Barometric Pressure.—The pressures in column 2 of the above table for all stations below 500 feet are reduced from those given in column 3 of the table on the previous page by adding the weight of a column of air of the corresponding temperatures given in column 17. For stations of above 500 feet elevation, the reduction is made by Dippe's tables as given in Guyot's "Meteorological and Physical Tables."

Temperature.—The temperatures in column 3 are reduced from those in column 17 on the preceding page by adding 1° Fahr. for every 350 feet.

Wind Direction.—The mean wind direction and its comparative prevalence are calculated from the whole number of wind observations recorded during the half month. The latter is given as a percentage of the whole number of observations. The mean direction is calculated in the usual way by Lambert's formula.

The above being all comparable, afford the data for constructing a meteorological chart for the half month, which shall show the isobaric and isothermal lines and the resultant wind directions, which last may be represented by arrows of varying length proportioned to the prevalence of the wind. To these may be added the rainfall from the previous tables.

CALCUTTA,
The 10th February 1872.

HENRY F. BLANFORD,
Meteorological Reporter to the Govt. of Bengal.

Results of the Meteorological Observations taken at the Surveyor-General's Office, Calcutta, from 1st to 7th February 1872.

Month.	Date.	Mean reduced barometer.	THERMOMETER.			Mean dry bulb.	Mean wet bulb.	Computed mean dew-point.	Mean degree of humidity.	WIND.			Rain.	Moon's phases.	GENERAL REMARKS.
			Highest reading.	Lowest reading.	Max. solar radiation.					Prevailing direction.	Max. pressure.	Daily velocity.			
		Inches.	°	°	°	°	°	°			lb	Miles.	In.		
Feb.	1st	30.035	81.0	67.8	136.3	73.3	68.9	65.4	0.77	W S W & S by W	...	28.2	...	...	Stratoni, cirrostrati, and clear. Foggy from 2 to 9 A.M.
	2nd	30.009	82.7	66.0	139.0	73.9	67.8	63.5	.71	Variable	...	75.1	...	...	Cirrocumuli and clear.
	3rd	29.999	80.0	67.3	131.0	73.6	68.1	64.2	.74	S W & N W	...	72.2	...	...	Chiefly clear.
	4th	29.80	78.7	66.9	133.8	72.3	66.3	61.6	.70	N by W & N by E	...	31.5	...	...	Clear and cirri. Light rain at 7½ P.M.
	5th	29.58	78.7	63.8	149.8	71.0	64.4	59.1	.68	N by E, N N E & S E	...	126.1	...	...	Clear and cirrostrati.
	6th	29.04	78.0	66.5	133.7	72.1	68.3	65.3	.80	S S E & S S W	...	82.5	...	...	Clear, cumuli, and over-cast. Lightning at 10 and 11 P.M. Drizzled at 1½ P.M.
	7th	28.49	72.0	66.0	125.0	68.9	66.3	64.2	.86	N W & Variable	0.8	108.2	0.78	...	Clouds of different kinds and clear. Rain from 0½ to 3 and between 4 and 5 A.M.

The mean barometer as likewise the dry and wet bulb thermometer means are derived from the twenty-four hourly observations made during the day.

The dew-point is computed with the Greenwich constants.—The figures in column 10 represent the humidity of the air, the complete saturation of which being taken at unity.—The receiver of the lower rain gauge is 1½ feet, and that of the anemometer 70 feet 10 inches above the level of the ground.—The velocity of wind, as indicated by Robinson's anemometer, is registered from noon to noon.

The extreme variation of temperature during the past seven days	...	18.9
The max. temperature during the past seven days	...	82.7
The max. temperature during the corresponding period of the past year	...	83.5
The mean humidity during the past seven days	...	0.75
The mean humidity during the corresponding period of the past year	...	0.65
		Inches.
The total fall of rain from 1st to 7th	... { by lower rain gauge	0.78
	... { by anemometer gauge	0.70
Ditto ditto average of eighteen previous years	...	0.15
Ditto between the 1st January and the 7th February	...	1.00
Ditto ditto ditto ditto, average of eighteen previous years	...	0.58

CALCUTTA,
The 10th February 1872.

GOPEENATH SEN,
In charge of the Observatory.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY—MAIN LINE.

Approximate Return of Traffic for week ended 27th January 1872, on 1,280 miles open.

	COACHING TRAFFIC.				MERCHANDISE AND MINERAL TRAFFIC.				Total traffic receipts.	
	Number of passengers.	Coaching receipts.			Weight carried.	Receipts.				
		Rs. As. P.	£	s. d.	Mds. Srs.	Rs. As. P.	£	s. d.	£	s. d.
Total traffic for the week	92,921	1,49,676 6 2	13,720	6 9	739,946 30	4,80,250 9 0	44,022 10 4	57,743 6 1		
Or per mile of railway		116 14 11	10 14 5			375 3 2	34 7 10	45 2 3		
For previous 3 weeks of half-year	267,129	4,32,138 1 5	39,612 13 2		2,167,632 20	13,82,130 9 6	126,695 6 1	166,397 19 3		
Total for 4 weeks	360,050	5,81,814 7 7	53,332 19 11		2,817,579 10	18,62,381 2 6	170,718 5 5	224,051 5 4		
COMPARISON.										
Total for corresponding week of previous year	104,179½	1,68,308 5 3	15,128 5 3		670,719 10	4,22,270 5 2	38,708 2 3	54,136 7 6		
Per mile of railway corresponding week of previous year		131 8 8	12 1 2			330 0 5	30 5 1	42 6 3		
Total to corresponding date of previous year	389,740	5,85,261 2 2	53,643 8 9		2,423,373 0	14,94,931 13 10	137,035 8 5	190,678 17 2		

EAST INDIAN RAILWAY—JUBBULPORE LINE.

Approximate Return of Traffic for week ended 27th January 1872, on 223 miles open.

		Rs. As. P.	£ s. d.	Mds. Srs.	Rs. As. P.	£ s. d.	£ s. d.
Total traffic for the week ...	4,539	13,162 15 2	1,206 12 1	93,636 10	22,941 13 0	2,163 0 0	3,369 12 1
Or per mile of railway ...	...	59 0 5	5 8 3	...	102 14 1	9 8 7	14 16 10
For previous 3 weeks of half-year ...	15,241	43,147 8 10	3,955 3 10	226,539 20	69,297 6 6	6,344 0 3	10,299 4 1
Total for 4 weeks ...	19,780	56,310 8 0	5,161 15 11	320,175 30	92,149 3 6	8,447 0 3	13,668 16 2
COMPARISON.							
Total for corresponding week of previous year ...	4,854½	22,641 10 4	2,075 9 8	27,253 20	7,924 11 3	726 8 7	2,801 18 3
Per mile of railway corresponding week of previous year ...	...	101 8 6	9 6 2	...	35 8 7	3 5 2	12 11 4
Total to corresponding date of previous year ...	19,522½	71,246 3 7	6,530 18 1	119,912 10	41,930 6 1	2,926 19 0	9,457 17 1

EASTERN BENGAL RAILWAY.

Approximate Return of Traffic for week ended 27th January 1872, on 156½ miles open.

		Rs. As. P.	£ s. d.	Mds. Srs.	Rs. As. P.	£ s. d.	£ s. d.
Total traffic for the week ...	37,613	21,497 2 0	1,962 6 5	111,363 9	25,987 13 5	2,382 4 5	4,344 10 19
Or per mile of railway ...	240	136 12 7	12 10 10	712 0	166 0 11	15 4 5	27 15 3
For previous 3 weeks of half-year ...	89,792½	56,094 15 0	5,224 5 3	258,375 0	54,721 9 11	6,016 2 11	10,240 8 2
Total for 4 weeks ...	127,405½	78,399 1 0	7,186 11 8	369,738 9	80,709 7 4	8,398 7 4	14,584 18 0
COMPARISON.							
Total for corresponding week of previous year ...	35,291	18,076 11 3	1,657 0 7	126,617 25	23,918 2 3	2,192 9 11	3,849 10 6
Per mile of railway corresponding week of previous year ...	226	115 8 1	10 11 9	805 0	152 13 4	14 0 2	24 11 11
Total to corresponding date of previous year ...	115,278½	66,706 1 0	6,114 14 5	431,492 34	89,180 3 5	8,174 17 0	14,289 11 5

CALCUTTA AND SOUTH-EASTERN STATE RAILWAY.

Approximate Return of Traffic for Week ended 27th January 1872, on 28 miles open.

		Rs. As. P.	£ s. d.	Mds. Srs.	Rs. As. P.	£ s. d.	£ s. d.
Total traffic for the week ...	8,253	1,429 8 9	112 19 1	23,873 20	372 15 0	37 5 11	150 5 0
Or per mile of railway ...	293	49 5 5	4 0 8	852 18	13 5 1	1 6 8	5 7 4
For previous 16 weeks of half-year ...	96,915	14,234 1 3	1,129 8 2	191,005 10	6,947 11 0	694 15 4	2,024 8 6
Total for 17 weeks ...	105,170	16,423 10 0	1,542 7 3	214,878 50	6,320 10 0	632 1 3	2,174 8 6
COMPARISON.							
Total for corresponding week of previous year ...	13,942	1,730 12 6	173 19 7	10,853 35	326 13 9	32 13 0	206 13 4
Per mile of railway corresponding week of previous year ...	498	62 2 2	6 4 3	387 3	11 10 9	1 8 4	7 7 1
Total to corresponding date of previous year ...	109,410½	26,947 8 0	1,694 15 0	187,162 23	6,977 13 6	697 15 9	2,302 10 1

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SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, FEBRUARY 21, 1872.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE may receive the SUPPLEMENT, separately, on payment of Six Rupees per annum if delivered in Calcutta, or twelve Rupees if sent by Post.

CONTENTS.

	Page.		Page.
Working of the Village Chowkedaree Act, No. VI (B.C.) 1870, in the District of Rajshahye	169	Weekly Report of Rainfall compiled at the Meteorological Reporter's Office	176
Proposal to limit the quantity of powder to be retained on board vessels in Port	173	Meteorological Telegraphic Report for the period 11th to 17th February 1872	178
Statement showing Rainfall, Weather, State, and Prospects of the Crops in the different districts of the Lower Provinces of Bengal, for the week ending 17th February 1872	174	Results of the Meteorological Observations taken at the Surveyor-General's Office, Calcutta, from 8th to 14th February 1872	179
		Weekly Return of Traffic Receipts on Indian Railways	180

Working of the Village Chowkedaree Act No. VI (B.C.) 1870 in the District of Rajshahye.

No 50Ct., dated camp Bograh, the 19th January 1872.

From—E. W. MOLOXY, Esq., Commissioner of the Rajshahye Division,

To—The Offg. Secretary to the Government of Bengal, Judicial Department.

I HAVE the honor to refer you to my No. 110, dated the 5th of June, and to submit, for His Honor's information, a complete statement of the introduction of Act VI (B.C.) of 1870 (Village Chowkedaree Act) into the district of Rajshahye.

2. I annex a copy of a report, No. 88V, dated the 30th of May last, from the Magistrate, which furnishes the particulars of the procedure under which the Act was, with comparative ease, quickly and systematically introduced. This report was intended to supply the call made in paragraph 7 of the Government order No. 4787, dated the 29th of October 1870; it was retained in my office pending the receipt of certain further particulars and the statement now appended.

3. In all 921 unions have been created, assessments completed, and chowkedars enrolled. The total monthly assessment is Rs. 10,912-8-4, or Rs. 1,30,950 per annum. The number of chowkedars appointed and enrolled is 2,876. Of this number, about two-thirds receive Rs. 3, and one-third sums between Rs. 3 and 4, leaving eighty-four persons drawing above Rs. 4.

4. Sunnuds under the Magistrate's signature have been issued to the punchayets, or are being issued, to replace the provisional perwannahs that were used at first by the officers entrusted with the introduction of the Act.

5. The Magistrate has directed the punchayets to submit monthly accounts of progress in making the quarterly collections and of expenditure, which are examined in his office. But few complaints have been made, and the members of the punchayets have as a rule behaved well. In one instance reported in

September, it was necessary to prosecute the members of punchayets for abuse of power in levying fines on their own authority. In some instances they have been obstructed in making collections, and liberty to prosecute under section 183 of the Penal Code, as public servants, has been accorded.

6. Deputy Magistrate Mohindro Nath Bose, who was entrusted with the introduction of the Act in the northern thannahs, speaks highly of the way in which it was received when once understood in all its details. He says the people were eager to take advantage of it.

7. I have myself lately travelled through a great part of the district, and only in one place did I hear any complaint against the assessments, and the gist of that was, that they had to pay regular fixed sums now, which were heavier than they paid before. As far as I could gather, the Act has been productive of good. Formerly the villagers did not pay the chowkeedar regularly, now they are obliged to do so. This they do not like, but they insist upon the chowkeedar keeping watch in return for his pay, which they could not do before. The chowkeedars themselves seemed to be smarter than I had usually noticed them, and to be, as far as they were concerned, quite satisfied. Every one that I asked said he received his pay regularly now.

8. I think the experiment has been a success in Rajshahye, and that as soon as the Government determines on its general introduction, it may unobjectionably be introduced into all the districts of this division.

No. 88V, dated Bauleah, the 30th May 1871.

From—J. S. CARSTAIRS, Esq., Officiating Magistrate of Rajshahye,
To—The Commissioner of the Rajshahye Division.

WITH reference to your No. 48, dated the 18th April 1871, forwarding a copy of the Government letter No. 1565 in the Judicial Department, dated the 6th April 1871, to the Commissioner of the Presidency division, regarding the introduction of Act VI. (B.C.) of 1870, I regret to inform you that this intimation of His Honor the Lieutenant-Governor's views reached me long after all the arrangements for the introduction of the Act into this district had been completed.

2. When the Government letter No. 4787, dated 29th October 1870, was received here, it was understood that the Act was intended to be introduced experimentally throughout this particular district. In fact, paragraph 2 of that letter expressly contemplated "every village containing more than sixty houses, and each group of villages in which none of the existing Chowkeedaree or Municipal or Town Acts are in force." That you also understood those orders as applying to more than only a few selected villages within the district is clear from your No. 94Ct., dated 7th November 1870, to the Officiating Junior Secretary to the Government of Bengal, in which you urged that it would be impossible for a Magistrate to go out and visit personally "every village or group of villages in which the Act may be introduced," and proposed a more practicable arrangement, in furtherance of which you asked for 10,000 copies of the Act.

3. In sending a copy of your letter to Government on this subject, you, in your No. 98Ct., dated the 7th November 1870, directed my predecessor at once to make the necessary arrangements "for the systematic introduction of the Act throughout the district." The views of Government being thus understood, and your instructions being thus definite, my predecessor in December 1870 began to adopt the requisite preliminary measures, and before the end of March 1871 every thing had been completed, and all was in working order to allow of the Act, as was contemplated, taking effect from the 1st Bysack 1278 (B.S.) corresponding with the 13th April 1871.

4. In determining what villages should be excluded from the new arrangements, the general principles adopted have been—

1st.—A legal principle.—namely, not to include villages which contained less than sixty houses, unless they could be conveniently grouped with others, according to law.

2nd.—A practical principle.—namely, not to include villages for which suitable punchayuts were not eligible. The general rule adopted under this head was that, if possible, all the members of a punchayet should be able to

road and write, and that no punchayet should on any account be appointed in which the majority of the members were not possessed of this degree of education. The Magistrate was thus at liberty to use his own discretion as to what villages to exempt and what to include.

5. The Magistrates who personally took part in the introduction of the Act were the following:—Mr. Heeley made the arrangements in Bauleah, Godagari, and part of Lallpore. I made the arrangements in the rest of Lallpore, in Bhalukgachi, Bilmariah, and Charchat.

Baboo Bhubuneshur Sinha made the preliminary arrangements in Singra, Baraigaon, and Nattore; and Baboo Mohendro Nath Basu made them in Bagnara, Tannore, Manda, and Badaikhara. Such arrangements were accordingly altogether completed in 919 unions in this district, and in the great majority of these, the punchayets appointed had completed and published their assessments, and began collections before the copy of the Government letter to the Commissioner of 24-Pergunnahs was received in my office.

6. In your No. 48, dated 18th April, you asked whether I would recommend that further proceedings should be stayed until the result of the experiments hitherto has been tried. In reply I beg to state that I do not propose to extend the Act to any more unions in this district, and that the experiment we are now making extends to all the villages to which the Act is legally and practically applicable. I am giving the experiment my careful attention, and the sub-divisional officer of Nattore and Baboo Mohendro Nath Basu are co-operating with me in supervising the working of the punchayets. Baboo Mohendro Nath Basu writes that he has no doubt but that the experiment will succeed. "A new law is always regarded by the people of this country with suspicion, but when they see that the change is all for the better, that representative men in the villages manage and control the chowkeedars, instead of the zemindars, and that Government have not the most distant idea of deriving any benefit from the surplus at the credit of the chowkeedaree fund, they will vie with one another to serve in the punchayet, and hail the Act as a decided improvement." Looking at the result of the experiment thus far, I myself find sufficient reason to be sanguine of success.

7. You have also asked me to state particularly what measures have been adopted to explain the object and meaning of the Act to the villagers. The instructions contained in your No. 98Ct. have been strictly followed. Baboo Bhubuneshur Sinha in Nattore; Baboo Mohendro Nath Basu in the northern thannahs; and Mr. Heeley and I in the southern thannahs all adopted much the same procedure: certain convenient centres in the several thannahs were chosen, at which we arranged to halt during fixed dates, for which we invited the attendance of several residents and chowkeedars from each of the villages within the circles round those centres.

In our interviews with the deputation from such villages, we consulted them and the district sub-inspectors or head constables as to the number of houses in each village and the arrangement of them which would be most convenient. Having thus classified the villages we next selected the punchayets, and gave each member a copy of the Act and a sunnud of appointment. At the close of each day our plan was to collect all the deputations who had been disposed of, and to go through the Act with them, section by section, explaining to them clearly what the object of the Act was, and what were under it the duties of punchayets and chowkeedars respectively.

8. If any questions were put or doubts suggested, answers and explanations were furnished, and the punchayets were then dismissed with instructions to set about their selection of chowkeedars and their assessment of their unions with as little delay as possible. Travelling from centre to centre, we went through the same course at each, and thus completed the arrangements, thannah by thannah.

9. I trust this report will suffice for the one called for in paragraph 7 of the Bengal Government's letter No. 4787, dated 29th October, which was to be submitted by June. To make it to do so, it is only necessary for me to add that there are in this district no police chakran lands at all, and that consequently there has been no transfer of any such possible under section 48 of the Act.

Statement showing the enrolment of chowkedars under Act VI of 1870.

NAME OF STATIONS.	Number of unions created.	Unions in which the assessments are complete.		Details of unions created.							Number of chowkedars already enrolled.	Salary of chowkedars.															
		Number.	Total amount assessed per month.	Containing one village.	Containing two villages.	Containing three villages.	Containing four villages.	Containing more than four villages.	On Rs. 0.	On Rs. 2-4.		On Rs. 5.	On Rs. 4-12.	On Rs. 1-8.	On Rs. 4-6.	On Rs. 1-2.	On Rs. 4.	On Rs. 3-14.	On Rs. 3-12.	On Rs. 3-8.	On Rs. 3-7.	On Rs. 3-4.	On Rs. 3-3.	On Rs. 3-2.	On Rs. 3.	On Rs. 2-3.	
Godagaree	8	8	Rs. As. Gds. 102 14 16	1	...	3	2	2	22	1	...	...	...	...	...	...	6	...	...	...	...	...	...	...	...	6	...
Putteah	80	80	1,205 10 8	13	26	22	11	14	313	1	...	...	...	2	...	...	63	...	...	...	...	15	...	...	...	193	...
Bagnara	114	114	1,024 12 14	16	17	17	29	44	281	1	...	...	...	...	...	...	27	...	...	...	...	4	...	1	...	232	...
Charghat	49	49	636 0 7	3	2	16	5	14	174	...	...	...	...	...	...	...	15	...	...	...	...	6	2	1	...	131	...
Bauteah	44	44	575 1 5	5	19	13	10	6	151	...	1	...	...	5	2	...	18	...	...	...	...	4	...	...	...	97	...
Bilmariash	70	70	1,277 8 2	5	15	16	18	15	321	...	...	...	...	1	1	...	9	1	...	...	...	6	...	...	...	159	...
Badaiklari	58	58	691 7 0	6	6	4	8	34	172	...	...	...	...	...	...	...	53	...	...	...	2	...	...	...	...	57	...
Tannore	44	44	536 9 8	6	2	6	8	22	167	...	...	...	...	...	...	...	4	...	...	...	...	...	...	...	...	156	...
Mandah	69	69	716 0 6	1	7	5	6	59	199	...	...	...	...	...	...	...	1	12	...	...	...	1	...	...	...	167	...
Natore	134	134	1,174 15 7	59	46	29	17	1	315	...	...	...	...	...	1	...	40	...	...	...	...	...	...	...	...	238	1
Singrah	147	147	1,553 4 4	22	23	19	15	65	411	...	...	...	...	4	1	...	118	...	...	...	...	8	...	...	...	259	...
Barigaon	143	143	1,334 4 12	47	44	16	4	2	350	...	...	...	...	1	1	...	70	...	...	...	...	4	...	...	...	215	...
Total	921	921	10,912 8 4	175	195	157	124	270	2,576	3	1	57	3	14	6	1	532	1	6	23	254	2	53	2	2	1,910	1

RAJSHAHYE MAGISTRACY,
The 4th November 1871.

J. S. CARSTAIRS,
Officiating Magistrate.

Proposal to limit the quantity of powder to be retained on board Vessels in Port.

No. 2250, dated the 6th February 1872.

From—W. D. BRUCE, Esq., Vice-Chairman to the Port Commissioners,

To—The Secy. to the Govt. of Bengal, General Department.

I HAVE the honor to submit, for the consideration and orders of His Honor the Lieutenant-Governor, the following points relating to the present port regulations which, under Act XXII of 1855, permits a vessel to retain on board, within the limits of the port, any quantity of powder or combustible ammunition not in excess of 50 lbs.

2. The recent inquiry into the circumstances attending the burning of the ship *Lady Melville* elicited the fact that in close proximity to the fire, the vessel had the prescribed quantity of 50 lbs. of powder stored. Had the fire reached this powder during the time when attempts were being made to get the fire under, the after-part of the ship would have been blown to pieces, and the loss of life would have been fearful.

3. The Commissioners would therefore submit to Government that the existing laws should be amended, and they would propose that immediate steps be taken with a view—

I. To limit the quantity of powder to be retained on board a vessel in port to a quantity not exceeding 5 lbs.

II. To empower the Commissioners, if they see fit, to prohibit vessels from bringing any powder into port.

4. The objection which would be raised by ship-owners and agents would be based on the ground of the detention of the vessel at Moyapore; and to meet this, the Commissioners propose to provide, out of the revenues of the port and without charge to the vessel, a properly constructed powder boat, to be constantly lying off the magazine, ready to take powder from or to vessels passing up and down the river.

5. The Commissioners believe that the question is one of great importance, and that safety of life and property may be ensured without inconvenience to the carrying trade of the port.

6. Detailed estimate and plans for the construction and working of the boat will be submitted, should His Honor the Lieutenant-Governor be pleased to entertain the proposition, and, in anticipation of His Honor's sanction, provision will be made in the budget of 1872-73 for carrying out the scheme.

7. The Commissioners would take this opportunity to invite the attention of Government to the advisability of taking advantage of any amendment of the existing law, such as would be necessary to give effect to their views in this matter of the powder, to provide definitely for the payment of salvage in cases like the "*Lady Melville*." The opinion of the Advocate-General has been asked for on a point at present open to doubt, and a further communication on the subject will be sent hereafter.

No. 633, dated Fort William, the 20th February 1872.

From—H. L. DAMPIER, Esq., Secy. to the Govt. of Bengal, General Dept.,

To—The Vice-Chairman to the Port Commissioners, Calcutta.

IN reply to your letter No. 2250, dated 6th February 1872, I am directed to inform you that the Lieutenant-Governor will cause your letter to be published in the *Gazette*, and that should no objections be thereupon raised to the proposal made by the Commissioners, a Bill will be introduced into the Lieutenant-Governor's Legislative Council, restricting the quantity of gun-powder which a ship is allowed to bring up into the port as proposed.

2. The Lieutenant-Governor will await the further report regarding salvage which is promised in your last paragraph.

Rainfall, Weather and State and Prospects of the Crops.

Statement showing Rainfall, Weather and State and Prospects of the Crops in the different Districts of the Lower Provinces of Bengal, as reported to Government during the week ending 17th February 1872.

No	District.	Date of return from each district.	Rainfall at Sudder Station in inches.	Character of the weather in the district, as far as known.	State and prospects of the crops at date.	REMARKS.
1872.						
1	Bhaugulpore	Feb. 17th	0	Very favorable ...	Very good.	
2	Monghyr	" 17th	0	Favorable ...	Good.	
3	Purneah	" 17th	0	Seasonable ...	Winter crops reaped; the spring crops promise a full harvest.	
4	Rajmehal	" 10th	0.7	Rain fell more or less over the district	The wheat will have much improved from this rain.	
5	Deoghur	" 10th	1.2	Heavy rain for 3 days; cold and healthy.	Sugar-cane and poppy are the only crops on the ground. They are doing well.	
6	Nya Doomka	" 17th	0	Dry and fine ...	Nothing to report.	
7	Godda	" 17th	0	Cold and bracing	Good.	
8	Pakour	" 17th	0	Cloudy, then clear and cold.	Satisfactory.	
9	Jamtarra	" 17th	0	Settled and fine	No crops.	
10	Patna.	" 17th	0	Fine	Favorable.	
11	Gya	" 17th	0	Dry west winds...	The spring crops have grown up well, and promise a rich outturn. The poppy has flowered.	
12	Chumparun	" 17th	0	Fine, with westerly winds.	Very good throughout the district.	
13	Sarun	" 17th	0	Fine	Spring crops flourishing.	
14	Shahabad.	" 17th	0	Cold	Spring crops daily improving owing to the recent rain.	Small-pox prevailing in Patna.
15	Tirhoot	" 17th	0	Seasonable	Satisfactory.	
16	Rajshahye	" 15th	0	Foggy mornings.	Very little of cold weather crop grows here; the want of much rainfall in October has made the mustard scanty.	
17	Bograh	" 16th	0	Fair	Good.	
18	Dinagepore	" 17th	0	Fair	The heavy rain of the past week has done good to wheat, barley, and indigo, but injured gram, &c., that were in blossom.	
19	Maldah	" 17th	0	Fine and cloudy; seasonable.	Good.	
20	Moorshedabad	" 17th	0	Fair	Ploughing.	
21	Pubna	" 17th	0	Cool and cloudy	Winter crops progressing well in consequence of the late rainfall.	
22	Rungpore	" 17th	0	Getting hot	Fair.	
23	Burdwan.	" 17th	0.2	Clear and cloudy	Winter crops good.	
24	Bancoorah	" 16th	1.0	Favorable	Satisfactory.	
25	Beerbhoom	" 17th	0	Fair	Good.	
26	Hooghly	" 17th	0	Fine	The cold weather crops are not good in some parts of the district; in others they are fair.	There is a little cholera in the district in scattered places.
27	Howrah	" 17th	0	Fine and clear	Good.	
28	Midnapore	" 16th	0.8	Fair	Good throughout.	
29	Nuddea	" 17th	0	Fair and dry	Good.	
30	Jessore	" 16th	0	Cold and fair	Good.	
31	24-Pergunnahs	" 17th	0	Cool and pleasant	Good.	
32	Dacca	" 17th	0	Fair	Good.	
33	Backergunge	" 16th	0	Fair	Good.	
34	Furreedpore	" 17th	0	Good	Very good.	
35	Mymensingh	" 17th	0	Cloudy and rainy	No crops on ground.	
36	Sylhet	" 10th	0.4	Cold since the fall of rain.	Cold weather crops coming on fairly.	
37	Cachar	" 10th	1.2	Fair	Good.	
38	Chittagong	" 10th	0.2	Cloudy and cold.	Winter crops benefitted by slight rain.	
39	Noakhally or Bulloak	" 9th	0.8	Fair	Good.	
40	Tipperah	" 9th	0.3	Cloudy and cold.	Winter crops benefitted by slight rain.	

No.	District.	Date of return from each district.	Rainfall at Sudder Station, in inches.	Character of the weather in the district, as far as known.	State and prospects of the crops at date.	REMARKS.
		1872.				
41	Hill Tracts of Chittagong.	Feb. 10th	0	Foggy and cloudy	Good.	
42	Cuttack	" 17th	0.1	Seasonable	Good.	
43	Balasore	" 17th	2.7	Cool	Favorable.	
44	Pooree	" 9th	A trifling shower.	Weather has become colder and is seasonable.	In general satisfactory. Relief works going on in the Chilka isthmus as reported last week.	
45	Hazareebaugh	" 17th	0	Fine	Crops improved by the late rain.	
46	Lohardugga	" 16th	0	Bright and cold	Fair.	
47	Maunbhoom	" 17th	0	Fine	Wheat, barley, gram, peas, urhur, linseed, and rape, have improved by the late rain.	
48	Singbhoom	" 9th	0.2	Seasonable	Favorable	
49	Dyrrung	" 10th	0.1	Variable	Sugar-cane and mustard are being cut.	
50	Nowgong	" 9th	1.3	Cloudy	Spring crops promising well.	
51	Seesaugor	" 10th	1.8	Cold, cloudy, and damp, with frequent drizzling.	The weather has been somewhat unfavorable to cold season crops.	Hail on Thursday.
52	Kamroop,	" 9th	0.4	Cold	Salce crops favorable.	
53	Luckimpore	" 10th	1.3	Thunder and high wind.	Satisfactory.	
54	Khasi and Jynteah Hills.	" 9th	0	Fair	No standing crop except a little cotton.	
55	Naga Hills	" 2nd	0	Fine and seasonable.	Nagas occupied in preparing their "jhumms" for the ensuing year.	
56	Julpigoree	" 17th	0	Close days & variable; occasionally raw and cold, at other times hot.	Mustard not good; spring crops poor for want of rain.	Price of rice rising.
57	Gowalparah	" 10th	0.04	Misty, visibility of objects, thunder, drizzling rain, calm, and foggy mornings.	Nearly all the crops have been reaped and gathered.	
58	Garo Hills	" 10th	0.2	Fine	No crops on the ground.	
59	Darjeeling	" 17th	0.3	Cold and misty in the hills; fair in the terai.	In the hills: wheat short of the mark for want of rain; in the terai crops are flourishing.	Crops in Sikhim fallen short from various causes; no scarcity apprehended, as the people would always find enough to eat from yams and other jungle produce.
60	Cooch Behar	" 10th	1.2	Cold and seasonable.	Good.	

N. B.—The columns of the districts from which returns have not been received remain blank.

Published for general information.

FORT WILLIAM,
The 20th February 1872.

R. H. WILSON,
Offg. Under-Secy. to the Govt. of Bengal.

Weekly Report of Rainfall compiled at the Meteorological Reporter's Office.

DIVISION.	STATIONS.	Rain from 26th Jan. to 4th Feb. 1872.	Rain from 6th Feb. to 11th Feb. 1872.	RAIN FROM 1ST JANUARY 1872		REMARKS.
				Inches.	Up to date.	
CUTTACK.	Cuttack { Telegraph Office ...	Nil	0.40	0.40	11th Feb. 1872.	
	... { Jail ...	ditto	0.44	0.44	ditto.	
	False Point ...	ditto	Not received	Nil	4th Feb. 1872.	
	Jajipore ...	ditto	ditto	ditto	ditto.	
	Kendraparah ...	ditto	ditto	ditto	ditto.	
	Jugutsingapore ...	ditto	ditto	ditto	ditto.	
	Sunbulpore ...	Not received	ditto	ditto	7th Jan. 1872.	
	Balasore ...	Nil	Nil	ditto	11th Feb. 1872.	Not received 15th to 21st Jan.
	Bhuddruck ...	ditto	Not received	ditto	4th Feb. 1872.	
CHOTA NAGPORE.	Pooree ...	ditto	0.08	0.08	11th Feb. 1872.	Not received 8th to 14th Jan.
	Khoordah ...	Not received	Not received	Nil	7th Jan. 1872.	
	Hazareebaugh { Jail ...	0.46	0.49	1.19	11th Feb. 1872.	
	... { Dispensary ...	0.61	0.45	1.18	ditto.	
	Burhee ...	Not received	Not received	0.10	21st Jan. 1872.	
	Puchumba ...	0.46	ditto	0.46	4th Feb. 1872.	
	Ranchee ...	0.54	0.92	1.46	11th Feb. 1872.	
	Palamow ...	Nil	0.41	0.41	ditto.	
	Purulia ...	0.26	0.82	1.08	ditto.	
PATNA.	Gobindpore ...	Nil	Not received	Nil	4th Feb. 1872.	
	Chyebassa ...	ditto	0.16	0.16	11th Feb. 1872.	
	Patna (Bankipore) ...	0.83	0.02	2.87	ditto.	
	Dinapore { Jail ...	0.29	Nil	2.75	ditto.	
	... { Cantonment ...	0.67	0.0	3.32	ditto.	
	Behar ...	1.06	Not received	2.06	4th Feb. 1872.	Not received 8th to 14th Jan.
	Barh ...	0.44	ditto	2.12	ditto.	
	Gya ...	Not received	ditto	0.43	28th Jan. 1872.	
	Sherghotty ...	0.38	0.72	1.20	11th Feb. 1872.	
BHAGSPORE.	Nowadah ...	1.51	Nil	1.51	ditto.	
	Arungabad ...	0.98	0.44	3.66	ditto.	
	Chumparua ...	Not received	Not received	0.61	28th Jan. 1872.	Not received 1st to 7th and 15th to 21st Jan.
	Bettiah ...	ditto	ditto	0.70	21st Jan. 1872.	
	Chuprah ...	0.20	Nil	2.50	11th Feb. 1872.	
	Sewan ...	0.03	Not received	1.21	4th Feb. 1872.	Not received 8th to 14th Jan.
	Mozufferpore ...	0.20	ditto	2.30	ditto.	
	Durbhangah ...	0.16	Nil	1.12	11th Feb. 1872.	
	Seetanaree ...	0.30	ditto	1.25	ditto.	
BHAGSPORE.	Tajpore ...	Not received	Not received	3.40	28th Jan. 1872.	
	Mudhubani ...	0.50	ditto	2.92	4th Feb. 1872.	
	Hajipore ...	1.00	0.03	3.09	11th Feb. 1872.	
	Arrah ...	0.85	Nil	2.57	ditto.	
	Buzar ...	0.30	ditto	2.84	ditto.	
	Sasseram ...	0.90	0.32	1.86	ditto.	
	Bhubhooh ...	0.88	Nil	2.24	ditto.	
	Benares ...	0.30	0.10	1.95	11th Feb. 1872.	
	Bhaurulpore ...	0.27	Not received	0.48	4th Feb. 1872.	
BHAGSPORE.	Mudheypoorah ...	Nil	ditto	0.50	ditto.	
	Bauka ...	0.09	ditto	0.71	ditto.	
	Soopool ...	Not received	ditto	0.89	28th Jan. 1872.	
	Moughyr ...	0.44	0.37	2.08	11th Feb. 1872.	
	Jamouee ...	Not received	1.57	1.57	ditto.	Not recorded 29th Jan. to 3rd Feb.
	Begoserai ...	2.05	Nil	3.05	ditto.	
	Deognur ...	1.09	1.22	2.34	ditto.	Not received 22nd to 28th Jan.
	Jamtara ...	0.50	1.0	1.50	ditto.	
	Kajinial ...	0.40	Not received	0.40	4th Feb. 1872.	
BHAGSPORE.	Pakour ...	Not received	ditto	Nil	14th Jan. 1872.	
	Nya-Doomka ...	0.32	1.58	1.90	11th Feb. 1872.	
	Purneah ...	0.25	0.39	1.84	ditto.	
	Kishengunge ...	0.06	Not received	1.42	4th Feb. 1872.	
	Arrareah ...	Not received	ditto	...	...	
	Hampore Beaulah ...	0.28	2.09	2.37	11th Feb. 1872.	
	Nattore ...	Nil	2.40	2.40	ditto.	
	Bograh ...	0.12	1.00	1.12	ditto.	
	Dinapore ...	0.67	0.15	1.77	ditto.	
BHAGSPORE.	Maldah ...	0.41	0.93	1.43	ditto.	
	Berhampore ...	0.37	2.44	2.85	ditto.	
	Jungipore ...	0.43	2.21	3.13	ditto.	
	Lalbagh ...	0.26	2.36	2.72	ditto.	
	Jamookandi ...	0.57	Not received	0.59	4th Feb. 1872.	
	Pubna ...	0.08	2.02	2.08	11th Feb. 1872.	
	Serajunge ...	0.60	1.85	2.25	ditto.	
	Rungpore ...	0.10	Not received	0.10	4th Feb. 1872.	
	Bhowanigunge ...	Nil	ditto	Nil	ditto.	
BHAGSPORE.	Titalya ...	0.10	ditto	1.38	ditto.	
	Bardwan ...	0.02	0.58	0.60	11th Feb. 1872.	Not received 22nd to 28th Jan.
	Cutwa ...	0.60	1.18	1.90	ditto.	
	Quina ...	0.01	Not received	0.08	4th Feb. 1872.	Not received 1st to 7th and 22nd to 28th Jan.
	Bood-Bood ...	0.80	0.30	1.10	11th Feb. 1872.	Not received 22nd to 28th Jan.
	Bancoorah ...	0.05	0.91	0.96	ditto.	
	Raneengunge ...	0.13	1.12	1.39	ditto.	
	Booree ...	1.28	1.20	2.55	ditto.	
	Hooghly ...	Nil	3.30	3.30	ditto.	
BHAGSPORE.	Serampore ...	ditto	1.30	1.42	ditto.	
	Jehanabad ...	Not received	Not received	...	...	
	Howrah ...	Nil	0.39	0.99	11th Feb. 1872.	
	Midnapore ...	ditto	0.12	0.12	ditto.	
	Contai { Dy. Collr.'s Office ...	ditto	Not received	1.25	4th Feb. 1872.	
	... { Esr. Magr.'s Office ...	ditto	0.50	1.50	11th Feb. 1872.	
	Gurbetta ...	ditto	Not received	Nil	4th Feb. 1872.	
	Tamluck ...	Not received	ditto	0.12	28th Jan. 1872.	Not received 2nd to 11th Jan.

DIVISIONS.	STATIONS.	Rain from 29th Jan. to 4th Feb. 1872.	Rain from 5th to 11th Feb. 1872.	RAIN FROM 1st JANUARY 1872.		REMARKS.
				Inches.	Up to date.	
PRESIDENCY.	Kishnaghur	0.06	Not received	0.14	4th Feb. 1872.	
	Bongong	Nil	ditto	Nil	ditto.	
	Ranaghat	ditto	ditto	ditto	ditto.	
	Meherpore	0.12	ditto	0.20	ditto.	
	Choodangah	Nil	ditto	0.10	ditto.	
	Kooshitea	ditto	ditto	Nil	ditto.	
	Jessore	ditto	2.20	2.20	11th Feb. 1872.	
	Khoolnah	ditto	Nil	Nil	ditto.	
	Jenidah	ditto	1.65	1.85	ditto.	
	Nurail	ditto	1.55	1.61	ditto.	
	Magoorah	ditto	0.06	0.06	ditto.	
	Bagirhaut	ditto	1.45	1.45	ditto.	
	Saugor Island	ditto	0.20	0.22	ditto.	
	Calcutta	ditto	0.78	1.00	ditto.	
	Alipore { Hospital	ditto	0.85	0.85	ditto.	
	{ Jail	ditto	0.81	0.81	ditto.	
	Barrackpore	ditto	Not received	0.70	4th Feb. 1872.	
	Dum-Dum	ditto	ditto	0.10	ditto.	
	Baraset	ditto	ditto	0.31	ditto.	
	Satkherah	ditto	ditto	0.18	ditto.	
Dacca.	Busseerhaut	ditto	ditto	Nil	ditto.	
	Diamond Harbour	0.21	ditto	0.21	ditto.	
	Barripore	0.12	ditto	0.12	ditto.	
	Dacca { Telegraph Office	Nil	0.68	1.19	11th Feb. 1872.	
	{ Jail	ditto	0.60	0.65	ditto.	
	Burrisaul	ditto	0.44	0.81	ditto.	
	Dowlat Khan	ditto	Not received	Nil	4th Feb. 1872.	
	Perazepore	ditto	0.89	1.26	11th Feb. 1872.	
	Madaripore	ditto	1.50	2.20	ditto.	
	Kurreepore	ditto	0.68	0.68	ditto.	
	Gonludo	ditto	Not received	Nil	4th Feb. 1872.	Not received 15th to 21st Jan.
	Mymensing	ditto	0.86	0.86	11th Feb. 1872.	Not received 22nd to 28th Jan.
CHITTAGONG.	Jamalpore	Not received	Not received	Nil	21st Jan. 1872.	
	Atteah	0.01	1.21	1.24	11th Feb. 1872.	Not received 1st to 7th Jan.
	Kishoragunge	Nil	Not received	Nil	4th Feb. 1872.	Not received 8th to 14th Jan.
	Selhet	ditto	0.41	0.57	11th Feb. 1872.	
	Cachar	ditto	1.17	1.84	ditto.	
	Hylakandy	Not received	Not received	0.57	28th Jan. 1872.	
	Koyah	Nil	ditto	0.47	4th Feb. 1872.	
	Chittagong { Telegraph Office	Nil	0.10	0.50	11th Feb. 1872.	
	{ Jail	ditto	0.24	0.68	ditto.	
	Cox's Bazar	ditto	Not received	0.40	4th Feb. 1872.	
COOCH BEHAR.	Rangamatee Hill	ditto	Nil	0.50	11th Feb. 1872.	
	Noakhally	ditto	0.08	0.67	ditto.	
	Tipperah	ditto	0.26	0.52	ditto.	
	Brahmanbariah	ditto	Not received	0.87	4th Feb. 1872.	
	Akyah	ditto	Nil	0.10	11th Feb. 1872.	
	Cooch Behar	ditto	ditto	1.20	ditto	Not received 8th to 21st Jan.
	Buxa	0.55	0.42	1.95	4th Feb. 1872.	
	Gomparah	Nil	Not received	0.83	24th Jan. 1872.	
	Dhoohee	Not received	ditto	1.00	11th Feb. 1872.	
	Tura (Garó Hills)	Nil	0.23	0.23	...	
ASSAM.	Darjeeling { Telegraph Office	Not received	Not received	...	11th Feb. 1872.	
	{ Hospital	0.14	0.86	0.86	...	
	Rungbee	Not received	Not received	...	11th Feb. 1872.	
	Julpigoree	Nil	Nil	0.96	ditto.	
	Boda	ditto	0.10	2.10	ditto.	
	Tezporé	0.31	0.11	0.57	ditto.	
	Newgong	2.09	1.30	6.19	ditto.	
	Mungledye	0.25	Not received	0.80	4th Feb. 1872.	
	Burpettah	Nil	ditto	0.53	ditto.	
	Gowhatty	ditto	0.43	2.13	11th Feb. 1872.	
	Seelsangor	1.01	Not received	1.85	4th Feb. 1872.	
	Jorehaut	0.34	ditto	0.70	ditto.	Not received 15th to 21st Jan.
	Golaghat	1.00	ditto	1.56	ditto.	
	Nazeerah	0.63	ditto	1.20	ditto.	
	Debrooghur	0.31	ditto	1.96	ditto.	
	Suddya	1.15	ditto	3.23	ditto.	Not received 15th to 21st Jan.
	Shillour	Nil	ditto	0.01	ditto.	
	Cherrapoonjee	Not received	ditto	0.51	28th Jan. 1872.	
	Jaowai	Nil	ditto	0.50	4th Feb. 1872.	
	Samoooodine	ditto	ditto	0.10	ditto.	

HENRY F. BLANFORD,

Meteorological Reporter to the Govt. of Bengal.

CALCUTTA,
The 17th February 1872.

Meteorological Telegraphic Report for the period 11th to 17th February 1872.

STATIONS.	Date.	Hour.	Barometer reduced to 32°.	Barometer reduced to sea-level.	THERMOMETER.		Humidity Sat. =100.	WIND.		Rain.	Clouds.	Weather initials.
					Dry.	Wet.		Direction.	Velocity.			
CALCUTTA.	Feb. 11th	10	29.991	30.000	71.0	65.3	72	W S W	...	...	CS	
	11th	16	29.948	29.966	70.4	69.7	60	S by W	...	...	K	
	12th	10	30.001	30.020	74.0	71.2	85	W by S	...	...	K	Scuds from
	12th	16	29.994	29.912	81.0	73.5	68	W by S	...	...	K	W by S
	13th	10	30.014	30.033	73.3	69.6	83	E N E	...	0.27	K	
	13th	16	29.978	29.891	81.9	74.3	68	S W	...	...	K	
	14th	10	30.050	30.080	74.6	65.5	57	E by N	...	...	...	b
	14th	16	29.917	29.935	81.3	71.8	61	E N E	...	...	CS	
	15th	10	30.043	30.062	70.9	66.9	75	N E	...	0.40	KS	
	15th	16	29.919	29.937	79.2	69.5	48	N by E	...	...	...	b
SAUGOR ISLAND.	16th	10	30.133	30.153	70.8	69.0	44	N N E	...	...	...	b
	16th	16	29.981	29.999	70.7	62.5	39	N N W	...	...	...	b
	17th	10	30.114	30.133	70.0	69.7	52	N N W	...	...	...	b
	17th	16	29.977	29.995	78.0	63.0	39	W by S	...	...	...	b
	11th	10	29.972	29.978	75	71	81	N E	2.0*	...	K	b, m
	11th	16	29.855	29.861	80	74	74	S S E	5.0*	...	K	b, m
	12th	10	29.971	29.977	77	75	90	W S W	7.6*	...	N	b, m
	12th	16	29.892	29.898	81	76	78	S	8.6*	...	N	b, m
	13th	10	29.996	30.002	78	76	90	W S W	4.0*	0.10	N	b, m
	13th	16	29.890	29.896	82	76	74	S	8.6*	...	K	b, m
CHITTAGONG.	14th	10	30.042	30.048	77	75	90	E	8.9*	...	N	b, m
	14th	16	29.909	29.915	81	76	78	S	7.4*	...	K	b, m
	15th	10	30.019	30.025	78	74	81	N W	8.8*	...	N	b, m
	15th	16	29.917	29.923	81	71	59	N	10.6*	...	K	b, m
	16th	10	30.128	30.134	74	69	35	N	9.5*	...	...	b
	16th	16	29.989	29.995	78	63	39	N W	1.8*	...	...	b
	17th	10	30.127	30.133	74	65	69	S W	4.0*	...	...	b, m
	17th	16	29.990	29.996	79	69	68	S	7.7*	...	...	b
	11th	10	29.914	30.008	74	64	65	E S E	4.3*	...	K	b, m
	11th	16	29.833	29.927	76	66	56	S W	8.5*	...	...	b, m
MADRAS.	12th	10	29.964	30.058	74	65	59	E N E	4.0*	...	K	b, m
	12th	16	29.877	29.961	79	69	58	S W	7.7*	...	...	b, m
	13th	10	29.894	29.988	75	68	68	N N E	4.2*	...	...	b, m
	13th	16	29.840	29.933	81	69	61	W	6.4*	...	...	b
	14th	10	29.956	30.050	77	69	64	N N E	4.8*	...	CK	b
	14th	16	29.837	29.930	80	71	62	W S W	5.8*	...	...	b
	15th	10	29.951	30.045	72	70	90	Caln	2.5*	...	N	d, u, m
	15th	16	29.855	29.948	79	72	69	S W	7.0*	...	...	b, m
	16th	10	29.898	29.992	75	70	76	N	5.0*	...	...	b, m
	16th	16	29.880	29.973	81	67	44	S W	8.2*	...	...	b, m
CUTTACK.	17th	10	30.019	30.114	71	63	61	N N E	4.5*	...	...	b, m
	17th	16	29.908	30.001	78	64	42	W	9.8*	...	...	b, m
	10th	10	30.003	30.033	79	72	69	S E by S	6*	...	...	b, m
	10th	16	29.881	29.911	83	73	60	S E by S	9*	...	...	b
	11th	10	29.903	30.023	81	72	62	S S E	8*	...	...	b
	11th	16	29.870	29.900	82	72	59	S E by S	11*	...	...	b
	12th	10	29.901	30.021	82	73	63	S W by S	8*	...	...	b
	12th	16	29.872	29.902	82	71	55	S E by S	10*	...	...	b
	13th	10	29.998	30.028	83	72	56	S by E	12*	...	...	b, m
	13th	16	29.888	29.898	83	72	58	S E	11*	...	...	b, m
ARYAB.	14th	10	30.007	30.037	83	73	60	S E by S	9*	...	...	b
	14th	16	29.901	29.931	83	72	58	S S E	10*	...	...	b, m
	15th	10	30.028	30.058	81	72	62	S by W	7*	...	...	b, m
	15th	16	29.902	29.932	83	73	60	S W	8*	...	...	b
	16th	10	30.047	30.077	83	72	56	S by E	5*	...	...	b
	16th	16	29.934	29.964	83	72	59	S E by E	8*	...	...	b
	10th	10	29.912	29.995	78	69	68	N E	0.5*	...	...	fair
	10th	16	29.787	29.849	85	64	28	W N W	2.6*	...	...	fair
	11th	10	29.859	29.943	76	69	72	N E	0.4*	...	...	fair
	11th	16	29.732	29.814	88	71	40	S W	2.3*	...	...	fair
ARYAB.	12th	10	29.883	29.906	80	74	74	S	8.6*	...	N, KS	cloudy
	12th	16	29.771	29.853	86	74	64	S S E	7.3*	...	KS	cloudy
	13th	10	29.913	29.996	80	74	74	S	2.5*	...	KS, N	cloudy
	13th	16	29.776	29.858	83	70	49	S	5.0*	...	KS, N	cloudy
	14th	10	29.948	30.029	78	74	81	N E	2.1*	...	KS, N	cloudy
	14th	16	29.801	29.898	87	74	61	S S E	4.1*	...	KS, N	cloudy
	15th	10	29.938	30.029	79	73	73	W S W	1.9*	...	...	d, fair
	15th	16	29.810	29.891	90	69	30	W S W	4.5*	...	...	fair
	16th	10	30.054	30.137	76	68	27	N N E	4.6*	...	C, KS	cloudy
	16th	16	29.831	29.913	83	64	30	N E	7.0*	...	...	fair
ARYAB.	17th	10	30.024	30.118	76	68	59	N E	1.1*	...	...	fair
	17th	16	29.858	29.940	86	68	35	N	2.8*	...	KS	fair
	11th	10	29.986	30.010	73	63	68	N E	1	...	...	b
	11th	16	29.887	29.909	78	66	49	W N W	1	...	...	b
	12th	10	30.028	30.050	72	64	63	E N E	1	...	...	b, u
	12th	16	29.912	29.934	79	69	68	W N W	2	...	...	b, u
	13th	10	30.003	30.025	74	67	67	E N E	1	...	...	b
	13th	16	29.889	29.911	80	70	68	W N W	2	...	...	b
	14th	10	29.970	29.992	75	68	68	N E	1	...	...	b
	14th	16	29.889	29.911	80	72	68	W	2	...	...	b
ARYAB.	15th	10	30.030	30.052	75	69	72	N E	1	...	...	b
	15th	16	29.922	29.944	78	71	60	W	1	...	...	b
	16th	10	30.058	30.080	74	69	72	N E	1	...	...	b
	16th	16	29.942	29.964	78	73	77	W	1	...	K, KS	b
	17th	10	30.080	30.102	74	60	89	N E	1	...	...	b
	17th	16	29.964	29.986	78	65	46	W N W	2	...	...	b

* Velocity of wind in miles per hour.

CALCUTTA.
The 17th February 1872.HENRY F. BLANFORD,
Meteorological Reporter to the Government of Bengal.

Results of the Meteorological Observations taken at the Surveyor-General's Office, Calcutta, from 8th to 14th February 1872.

Month.	Date.	Mean reduced barometer.	THERMOMETER.			Mean dry bulb.	Mean wet bulb.	Computed mean dew-point.	Mean degree of humidity.	WIND.			Moon's phases.	GENERAL REMARKS.
			Highest reading.	Lowest reading.	Max. solar radiation.					Prevailing direction.	Max. pressure.	Daily velocity.		
		Inches.	°	°	°	°	°	°			lb	Miles.	In.	
Feb.	8th	29.808	74.5	62.0	135.0	67.8	61.3	56.1	0.68	N W & W N W	...	85.9	...	Clear.
	9th	29.851	71.9	58.0	131.4	64.0	57.1	51.1	0.64	W by N	...	87.6	...	Clear.
	10th	29.828	75.2	58.0	134.0	66.1	58.8	53.0	0.66	S by W, S W & W by S	...	98.0	...	Clear. Slightly foggy at 5 and 6 A.M.
	11th	29.904	79.5	60.5	137.0	69.8	64.7	60.6	0.74	W by S & S S W	...	76.4	...	Clear and cumuli.
	12th	29.935	81.0	67.0	131.0	73.6	70.3	68.0	0.83	S S W & W by S	...	78.6	...	Clear and cumuli. Slightly foggy from 2 to 7 A.M.
	13th	29.888	81.9	67.0	129.5	74.3	70.5	67.8	0.81	S W & E	...	94.5	0.27	Chiefly cumuli. Rain between 3 and 4 A.M.
	14th	29.964	82.0	66.8	131.0	74.2	67.8	63.3	0.70	E by N & E N E	...	119.1	...	Clear and cirro strati. Lightning on S W between 6 and 7 P.M., Light rain at 9 P.M.

The mean barometer as likewise the dry and wet bulb thermometer means are derived from the twenty-four hourly observations made during the day.

The dew-point is computed with the Greenwich constants.—The figures in column 10 represent the humidity of the air, the complete saturation of which being taken at unity.—The receiver of the lower rain gauge is 1½ feet, and that of the anemometer 70 feet 10 inches above the level of the ground.—The velocity of wind, as indicated by Robinson's anemometer, is registered from noon to noon.

The extreme variation of temperature during the past seven days	...	24.0
The max. temperature during the past seven days	...	82.0
The max. temperature during the corresponding period of the past year	...	89.5
The mean humidity during the past seven days	...	0.72
The mean humidity during the corresponding period of the past year	...	0.69
		Inches.
The total fall of rain from 8th to 14th	... } by lower rain gauge	0.27
	... } by anemometer gauge	0.19
Ditto ditto average of eighteen previous years	...	0.46
Ditto between the 1st January and the 14th February	...	1.27
Ditto ditto ditto ditto, average of eighteen previous years	...	1.04

GOPEENAUTH SEN,
In charge of the Observatory.
CALCUTTA,
The 16th February 1872.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY—MAIN LINE.

Approximate Return of Traffic for week ended 3rd February 1872, on 1,280 miles open.

	COACHING TRAFFIC.				MERCHANDISE AND MINERAL TRAFFIC.				Total traffic receipts.
	Number of passengers.	Coaching receipts.			Weight carried.	Receipts.			
		Rs. As. P.	£ s. d.			Rs. As. P.	£ s. d.		
Total traffic for the week	99,618	1,52,449 13 7	13,974 11 4	761,200 0	4,77,224 11 0	43,745 12 0	57,720 3 4		
Or per mile of railway		117 1 7	10 18 4		372 13 4	34 3 0	45 1 10		
For previous 4 weeks of half-year	369,059	5,81,814 7 7	53,332 19 11	2,847,579 10	18,02,381 2 6	170,718 5 5	224,051 5 4		
Total for 5 weeks	459,668	7,34,264 5 2	67,307 11 3	3,608,779 10	23,39,005 13 6	214,463 17 5	281,771 8 8		
COMPARISON.									
Total for corresponding week of previous year	102,997	1,54,281 11 0	14,142 9 9	696,095 10	4,09,779 5 4	37,563 2 1	51,705 11 10		
Per mile of railway corresponding week of previous year		120 9 3	11 1 1		320 4 3	29 7 2	40 8 3		
Total to corresponding date of previous year	402,737	7,39,482 13 2	67,785 18 6	3,119,468 10	19,04,711 3 2	174,598 10 6	242,384 9 0		

EAST INDIAN RAILWAY—JUBBULPORE LINE.

Approximate Return of Traffic for week ended 3rd February 1872, on 223 miles open.

		Rs. As. P.	£ s. d.	Mds. Srs.	Rs. As. P.	£ s. d.	£ s. d.
Total traffic for the week	5,414	15,199 4 2	1,392 8 10	73,728 20	19,585 7 9	1,795 4 8	3,187 15 4
Or per mile of railway	24 2 10	68 1 10	6 4 11	330 10 0	87 13 3	8 1 0	14 5 11
For previous 4 weeks of half-year	19,780	56,310 8 0	5,161 15 11	320,175 30	92,149 3 6	8,447 0 3	13,608 16 2
Total for 5 weeks	25,194	71,509 12 2	6,554 4 9	393,904 10	111,734 11 3	10,242 6 11	16,796 11 8
COMPARISON.							
Total for corresponding week of previous year	4,914	16,441 6 1	1,507 2 6	57,169 30	15,863 8 9	1,453 4 10	2,960 7 4
Per mile of railway corresponding week of previous year	.....	73 11 8	6 15 2	.....	71 1 5	6 10 4	13 5 6
Total to corresponding date of previous year	24,436	67,382 9 8	8,038 0 7	177,082 0	47,783 14 10	4,380 3 10	12,418 4 5

EASTERN BENGAL RAILWAY.

Approximate Return of Traffic for week ended 3rd February 1872, on 156½ miles open.

		Rs. As. P.	£ s. d.	Mds. Srs.	Rs. As. P.	£ s. d.	£ s. d.
Total traffic for the week	39,979	23,538 3 6	2,167 13 5	95,761 35	20,864 15 7	1,912 12 6	4,070 5 11
Or per mile of railway	108	150 6 6	13 15 9	612 0	133 5 2	12 4 5	26 0 2
For previous 4 weeks of half-year	127,054	78,399 1 0	7,186 11 8	309,738 9	80,709 7 4	8,398 7 4	14,584 18 0
Total for 5 weeks	158,383	101,937 4 6	9,344 5 1	405,500 4	101,574 6 11	10,310 19 10	18,655 4 11
COMPARISON.							
Total for corresponding week of previous year	27,940	18,616 9 9	1,706 10 5	91,647 14	21,886 15 3	2,066 6 1	3,712 16 6
Per mile of railway corresponding week of previous year	179	118 15 3	10 18 1	586 0	139 13 8	12 16 5	23 14 4
Total to corresponding date of previous year	143,218	86,322 10 9	7,821 4 10	523,050 8	111,067 2 8	10,181 3 1	18,002 7 11

CALCUTTA AND SOUTH-EASTERN STATE RAILWAY.

Approximate Return of Traffic for Week ended 3rd February 1872, on 28 miles open.

		Rs. As. P.	£ s. d.	Mds. Srs.	Rs. As. P.	£ s. d.	£ s. d.
Total traffic for the week	8,232	1,186 3 6	118 12 5	15,947 20	466 2 0	46 12 3	165 4 8
Or per mile of railway	294	42 5 10	4 4 9	569 0	16 10 0	1 13 3	5 18 0
For previous 17 weeks of half-year	105,170	15,124 10 0	1,542 7 3	214,878 30	6,320 10 0	632 1 3	2,174 8 6
Total for 18 weeks	113,402	16,310 13 6	1,660 19 8	230,826 10	6,786 12 0	678 13 6	2,339 13 2
COMPARISON.							
Total for corresponding week of previous year	9,388	1,351 2 9	135 8 4	10,670 20	341 15 9	34 4 0	169 13 4
Per mile of railway corresponding week of previous year	385	48 5 10	4 10 9	381 2	12 3 5	1 4 0	6 1 2
Total to corresponding date of previous year	118,798	18,361 10 9	1,820 3 4	197,838 3	6,419 13 3	641 10 9	2,472 3 1



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, FEBRUARY 28, 1872.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE may receive the SUPPLEMENT, separately, on payment of Six Rupees per annum if delivered in Calcutta, or twelve Rupees if sent by Post.

CONTENTS.

	Page.		Page.
Rewards to villagers for resisting dacoits	181	Weekly Report of Rainfall compiled at the Meteorological Reporter's Office	185
Results of the Meteorological Observations taken at the Surveyor-General's Office, Calcutta, from 15th to 21st February 1872	183	Meteorological Telegraphic Report for the period 18th to 24th February 1872	187
Statement showing Rainfall, Weather, State, and Prospects of the Crops in the different districts of the Lower Provinces of Bengal, for the week ending 24th February 1872	183	Weekly Return of Traffic Receipts on Indian Railways	188

Rewards to villagers for resisting Dacoits.

No. 885, dated Fort William, the 17th November 1871.

From—COLONEL J. R. PUGHE, Inspector-General of Police, L. P.,

To—The Offg. Secretary to the Government of Bengal, Judicial Department.

I HAVE the honor to submit the following for the consideration of the Lieutenant-Governor, and to offer suggestions thereon.

2. On the 27th August last, the crew of an up-country boat landed in the Nuddea district and attacked the village of Ghasooreah Dugah. On the alarm being given, the villagers, led by one Sudderoodeen, the brother of Koodrut Sheikh, the plaintiff, turned out and defeated the dacoits, capturing two, and wounding two or three more, who, however, succeeded in effecting their escape.

3. In the Government resolution of the 4th September 1871, on my annual report for 1870, it is remarked in paragraph 43 "that His Honor hopes that in cases in which villagers specially distinguish themselves, report may be made with a view to obtaining for them a special reward;" and considering as I do that the villagers did, on this occasion, especially distinguish themselves, for they, Bengalee villagers, attacked a band composed of notoriously bold men, viz. Sarun Aheers, captured two of them, and drove off the others to their boat, I beg to recommend that Sudderoodeen, the leader of the villagers, be granted a complimentary purwanah, and a reward of Rs. 50, or their equivalent in a sword or gun, and that the villagers, as per margin, be granted a money-reward of Rs. 10 each, and a purwanah.

4. It would increase the effect if the grant of these rewards were published in the *Gazette*, and their bestowal made the subject of some show at the head-quarters of the district.

No. 1JJ., dated Calcutta, the 4th January 1872.

From—HORACE A. COCKERELL, Esq., Officiating Commissioner of the Presidency Division,

To—The Offg. Secretary to the Government of Bengal, Judicial Department.

IN reply to your No. 5952 of the 25th ultimo, I have the honor to state that I concur in the recommendation made by the Inspector-General of Police. I had already, early in November, directed the Magistrate to draw out a complete narrative of the case for submission to Government with a somewhat similar recommendation.

No. 1072, dated Fort William, the 15th February 1872.

From—A. MACKENZIE, Esq., Junior Secretary to the Government of Bengal,

To—The Officiating Commissioner of the Presidency Division.

I AM directed to acknowledge the receipt of your letter No. 1JJ of the 4th ultimo, and in reply to state that the Lieutenant-Governor sanctions the grant by the Magistrate of Nuddea of complimentary purwanahs, and the sums of money recommended to the men named on the margin, as a reward for their gallant conduct in beating off a gang of dacoits who attacked the village of Ghasooreah Dugah on the 27th August last.

2. These rewards should be conferred on the men in as public a manner as possible at the head-quarters of the district.

3. The correspondence will be published in the *Gazette*.

1. Sudderoodeen, the leader of the villagers	Rs. 50
2. Koodrut	10
3. Khatter	10
4. Bhobun	10
5. Ashrof Ghukh	10
6. Denoo Ghukh	10
7. Shakim Ghukh	10
8. Malubhur Ghukh	10
9. Sarun Ghukh	10
10. Bhondolo Ghukh	10
11. Junghi Sirdar	10
12. Lakhichowkeedar of the village	10

Results of the Meteorological Observations taken at the Surveyor-General's Office, Calcutta, from 15th to 21st February 1872.

Month.	Date.	Mean reduced barometer.	THERMOMETER.			Mean dry bulb.	Mean wet bulb.	Computed mean dew-point.	Mean degree of humidity.	WIND.			Rain.	Moon's phases.	GENERAL REMARKS.
			Highest reading.	Lowest reading.	Max. solar radiation.					Prevailing direction.	Max. pressure.	Daily velocity.			
		Inches.	°	°	°	°	°	°			lb	Miles.	In.		
Feb.	15th	29.965	79.5	67.5	129.0	72.6	66.4	61.4	0.69	S by W & N by E	...	99.6	0.10	...	Cumuli and clear. Slightly foggy at 8 p.m. Thunder and lightning at 5½ A.M. rain at 5 and 6 A.M.
	16th	30.039	77.0	60.5	129.4	68.7	60.5	53.9	.61	N N E & N N W	...	152.6	...	...	Clear. Foggy from 8 to 11 p.m.
	17th	.031	78.3	60.8	131.0	69.0	61.2	55.0	.63	N N W & W by S	...	71.2	...	...	Clear. Slightly foggy at midnight, 4 and 5 A.M.
	18th	.006	80.4	61.7	133.0	70.7	64.4	59.4	.69	W by S & W S W	...	50.9	...	...	Clear and cumuli.
	19th	29.971	83.2	65.0	139.0	73.5	68.0	65.2	.76	S S W	...	88.7	...	...	Clear and cumuli.
	20th	.985	83.0	68.5	128.8	74.9	70.9	68.1	.80	S by W & S S W	7.0	148.9	1.37	...	Clear, cumuli, and overcast. Lightning at 7, 8, 10, and 11 p.m. Thunder at 7 and 11 p.m. High-wind accompanied with rain, and hailstones fell in immense quantities between 7 and 8 p.m., and rain at 10½ p.m.
	21st	.964	81.7	70.0	135.0	75.2	71.6	69.1	.82	S W & W	...	81.7	...	...	Cirrocumuli, cumuli, and clear. Slightly foggy at 10 p.m.

The mean barometer as likewise the dry and wet bulb thermometer means are derived from the twenty-four hourly observations made during the day.

The dew-point is computed with the Greenwich constants.—The figures in column 10 represent the humidity of the air, the complete saturation of which being taken at unity.—The receiver of the lower rain gauge is 1½ feet, and that of the anemometer 70 feet 10 inches above the level of the ground.—The velocity of wind, as indicated by Robinson's anemometer, is registered from noon to noon.

The extreme variation of temperature during the past seven days	...	22.7
The max. temperature during the past seven days	...	83.2
The max. temperature during the corresponding period of the past year	...	90.5
The mean humidity during the past seven days	...	0.71
The mean humidity during the corresponding period of the past year	...	0.67
		Inches.
The total fall of rain from 15th to 21st	... { by lower rain gauge	1.77
	... { by anemometer gauge	1.45
Ditto ditto average of eighteen previous years	...	0.09
Ditto between the 1st January and the 21st February	...	3.04
Ditto ditto ditto ditto, average of eighteen previous years	...	1.13

CALCUTTA,
The 24th February 1872.

GOPEENATH SEN,
In charge of the Observatory.

Rainfall, Weather and State and Prospects of the Crops.

Statement showing Rainfall, Weather and State and Prospects of the Crops in the different Districts of the Lower Provinces of Bengal, as reported to Government during the week ending 24th February 1872.

No.	District.	Date of return from each district.	Rainfall at Sudder Station, in inches.	Character of the weather in the district, as far as known.	State and prospects of the crops at date.	REMARKS.
		1872.				
1	Bhaugulpore	Feb. 24th	0	Favorable	Very good	Strong west wind set in.
2	Monghyr	" 24th	0	Favorable	Excellent.	
3	Purneah	" 24th	0	Seasonable	The spring crops promising very well.	
4	Rajmehal	" 24th	0	Hot and dry	Wheat and gram doing fairly.	
5	Deoghur	" 24th	0	Fine	Sugar-cane sowings getting on favorably.	
6	Nya Doomka	" 24th	0	Fine, clear, and dry.	Nothing reported by the Assistant Commissioner.	
7	Godda.	" 24th	0	Dry	Favorable.	
8	Pakour	" 24th	0	Fine	No crops.	
9	Jamtara	" 24th	0	Fine	Wheat, oats, &c., fair; pulses have suffered much from the late rain and fogs.	
10	Patna	" 24th	0	Fine	Wheat and barley favorable; pea and mustard have somewhat suffered from the rain.	
11	Gya	" 24th	0	Fine		
12	Chumparun.					
13	Sarun.	" 24th	0	Fair	The winter crops promise well.	
14	Shahabad	" 24th	0	Fine	Spring crops flourishing.	
15	Tirhoot	" 24th	0	Cold morning and warm afternoon.	Spring crops daily improving; mustard reaped in some places.	Small-pox prevailing in some places.
16	Rajshahye	" 22nd	0	Growing warm.	Satisfactory.	
17	Bograh	" 23rd	0	Seasonable.		
18	Dinagapore	" 24th	0	Nothing reported	Very little of cold weather crop in the district; mustard scarce for want of rain. Price risen from Rs. 4 to Rs. 7 a maund.	
19	Maldah	" 24th	0	Fair	Good.	
20	Moorshedabad	" 24th	0	Fair	Generally good.	
21	Pubna	" 24th	0	Fine and seasonable.	Good.	
22	Kungpore.	" 24th	0	Fair	Favorable.	
23	Burdwan	" 24th	0	Fine; getting hot.	Spring crops doing well; sugar-cane is being cut.	
24	Bancoorah	" 23rd	0	Nights and mornings cold, and days warm.	Fair.	
25	Beerbhoom	" 24th	0	Drizzling on the 24th.	Clear	
26	Hooghly	" 24th	0.3	Favorable	Spring crops somewhat damaged by the hail-storm of the 20th.	
27	Howrah	" 24th	0	Growing hot	Good.	
28	Midnapore	" 23rd	0	Fine	Fair. The recent rain has facilitated ploughing.	A little cholera still remains in different parts of the district.
29	Nuddea	" 24th	0	Generally fine and clear.	Good.	
30	Jessore	" 23rd	0.2	Fair	Good.	
31	24-Pergunnahs	" 24th	1.6	Cloudy and rainy, then fair and dry.	Good.	
32	Dacca	" 24th	0.1	Cloudy, rainy, then clear and pleasant.	Good.	
33	Backergunge.	" 24th	0			General health very satisfactory.
34	Furreedpore	" 24th	0			
35	Mymensingh.	" 17th	0	Good	Very good.	
36	Sylhet	" 17th	0	Fair	No crops.	
37	Cachar	" 17th	0.1			

No.	District.	Date of return from each district.	Rainfall at Sudder Station, in inches.	Character of the weather in the district, as far as known.	State and prospects of the crops at date.	REMARKS.
		1872.				
38	Chittagong	Feb. 17th	0	Fine	Cold weather crops generally fair.	
39	Noakhally or Bulloah	" 16th	Very slight.	Fair	Good.	
40	Tipperah	" 16th	0.5	Fine, with occasional showers.	Generally satisfactory.	
41	Hill Tracts of Chittagong.	" 17th	0.3	Mostly foggy	Good.	
42	Cuttack.					
43	Balasore	" 10th	Few drops.	Good	Excellent.	
44	Pooree	" 16th	0	Windy and variable, but no rain	The state of the district generally is satisfactory. Relief works are in operation in the distressed tracts on the Chilka isthmus as previously reported.	
45	Hazareebaugh	" 24th	0	Fine	Good.	
46	Lohardugga.					
47	Maunbhoom	" 24th	0	Fine	Wheat, barley, gram, peas, urhur, linseed, and rape have improved by the late rain.	
48	Singbhoom	" 16th	0	Seasonable	Favorable.	
49	Durrung	" 17th	Very slight.	Stormy	Sugar-cane and mustard are being cut.	A shock of earthquake on the 14th instant.
50	Nowgong	" 16th	0	Cloudy	Spring crops good.	
51	Seesaugor.					
52	Kamroop	" 17th	0	Cold and dry	Salce crops favorable.	
53	Luckimpore	" 17th	0.6	Thunder and high wind.	Satisfactory.	
54	Khasi and Jynteah Hills.	" 16th	0	Fair	No standing crop.	
55	Naga Hills	" 9th	0.9	Fair, cold, and seasonable in the hills; damp and chilly in the plains.	Hill tribes still occupied in preparing their "jhum."	
56	Julpigoree.					
57	Gowalparah	" 17th	0	Little foggy, occasionally cloudy.	Almost all crops reaped and gathered.	
58	Garohills	" 17th	0	Fine	No crops on the ground.	
59	Darjeeling.					
60	Cooch Behar	" 17th	1.2	Seasonable; mornings cold; sun getting warm in the day time.	Good.	

N. B.—The columns of the districts from which returns have not been received remain blank.

Published for general information.

FORT WILLIAM,
The 26th February 1872.

R. H. WILSON,
Offg. Under-Secy. to the Govt. of Bengal.

Weekly Report of Rainfall compiled at the Meteorological Reporter's Office.

DIVISIONS.	STATIONS.	Rain from 5th to 11th Feb. 1872.	Rain from 12th to 18th Feb. 1872.	RAIN FROM 1ST JANUARY 1872.		REMARKS.
				Inches.	Up to date.	
CUTTACK.	Guttack { Telegraph Office ...	Inches. 0.40	Inches. Nil	0.40	18th Feb. 1872.	
	Guttack { Jail ...	0.44	0.05	0.49	ditto.	
	False Point ...	Nil	0.30	0.30	ditto.	
	Jajipore ...	Not received	Not received	Nil	4th Feb. 1872.	
	Kendraparah ...	ditto	ditto	ditto	ditto.	
	Jugutsingapore ...	ditto	ditto	ditto	ditto.	
	Sumbulpore ...	ditto	ditto	ditto	7th Jan. 1872.	
	Balasore ...	Nil	2.70	2.70	18th Feb. 1872.	Not received 15th to 21st Jan.
	Bhuddruck ...	0.37	Nil	0.37	ditto.	
	Pooree ...	0.08	ditto	0.08	ditto.	Not received 8th to 14th Jan.
CHOTA NAGPORE.	Khoordah ...	Not received	Not received	Nil	7th Jan. 1872.	
	Hazareebaugh { Jail ...	0.49	Nil	1.19	18th Feb. 1872.	
	Hazareebaugh { Dispensary ...	0.45	ditto	1.18	ditto.	
	Burhee ...	1.30	Not received	1.50	11th Feb. 1872.	Not received 22nd to 28th Jan.
	Puchumba ...	Not received	ditto	0.46	4th Feb. 1872.	
	Ranchee ...	0.92	Nil	1.46	18th Feb. 1872.	
	Palanow ...	0.41	ditto	0.96	ditto.	
	Purulia ...	0.82	ditto	1.08	ditto.	
	Gohindpore ...	1.35	Not received	1.35	11th Feb. 1872.	
	Chyebassa ...	0.16	Nil	0.16	18th Feb. 1872.	
PATNA.	Patna (Bankipore) ...	0.02	ditto	2.87	ditto.	
	Dinapore { Jail ...	Nil	ditto	2.75	ditto.	
	Dinapore { Cantonment ...	0.10	Not received	3.32	11th Feb. 1872.	
	Behar ...	Not received	ditto	2.06	4th Feb. 1872.	Not received 8th to 14th Jan.
	Barh ...	0.15	ditto	2.16	11th Feb. 1872.	
	Gya ...	1.35	ditto	2.24	ditto.	
	Sherghotty ...	0.72	Nil	1.20	18th Feb. 1872.	
	Nowadah ...	Nil	ditto	1.51	ditto.	
	Arungabad ...	0.14	ditto	3.56	ditto.	
	Chumpanun ...	Not received	Not received	0.51	28th Jan. 1872.	Not received 1st to 7th and 15th to 21st Jan.
BHAUGULPORE.	Bettiah ...	ditto	ditto	0.70	21st Jan. 1872.	
	Chuprah ...	Nil	Nil	2.50	18th Feb. 1872.	
	Sewan ...	ditto	ditto	1.21	ditto.	Not received 8th to 14th Jan.
	Mozufferpore ...	ditto	ditto	2.30	ditto.	
	Durbhangah ...	ditto	ditto	1.12	ditto.	
	Seetamarce ...	ditto	ditto	1.25	ditto.	
	Tajpore ...	0.02	Not received	3.52	11th Feb. 1872.	
	Mudhubani ...	Nil	ditto	2.92	ditto.	
	Hajipore ...	0.02	ditto	3.09	ditto.	
	Arrah ...	Nil	Nil	2.57	18th Feb. 1872.	
RAJSHAHYE.	Buxar ...	ditto	ditto	2.86	ditto.	
	Sasseram ...	0.32	ditto	1.86	ditto.	
	Bhubhoah ...	Nil	Not received	2.26	11th Feb. 1872.	
	Benares ...	0.10	ditto	1.95	ditto.	
	Bhaugulpore ...	Not received	Nil	0.48	18th Feb. 1872.	Not received 5th to 11th Feb.
	Mudheypoorah ...	0.50	ditto	1.00	ditto.	
	Banka ...	1.16	ditto	1.86	ditto.	
	Soopool ...	Not received	Not received	0.99	28th Jan. 1872.	
	Monghyr ...	0.37	Nil	2.08	18th Feb. 1872.	
	Jamoeie ...	1.57	ditto	1.57	ditto.	Not recorded 29th Jan. to 3rd Feb.
BURDWAN.	Begoozerai ...	Nil	ditto	3.05	ditto.	
	Deoghur ...	1.22	ditto	2.34	ditto.	Not received 22nd to 28th Jan.
	Jauntara ...	1.10	ditto	1.50	ditto.	
	Rajmahal ...	Not received	ditto	0.40	ditto.	Not received 5th to 11th Feb.
	Pakour ...	ditto	Not received	Nil	14th Jan. 1872.	
	Nya-Doomka ...	1.58	Nil	1.90	18th Feb. 1872.	
	Purneah ...	0.39	ditto	1.84	ditto.	
	Kishengunge ...	Nil	Not received	1.42	11th Feb. 1872.	
	Arrareah ...	Not received	ditto	...	...	
	Ranpore Beaulah ...	2.09	Nil	2.37	18th Feb. 1872.	
BURDWAN.	Natore ...	2.40	Not received	2.40	11th Feb. 1872.	
	Bogra ...	1.00	Nil	1.12	18th Feb. 1872.	
	Dinapore ...	0.15	Not received	1.77	11th Feb. 1872.	
	Maldah ...	0.93	Nil	1.43	18th Feb. 1872.	
	Berhampore ...	2.44	ditto	2.85	ditto.	
	Jungipore ...	2.61	ditto	3.13	ditto.	
	Laulbaugh ...	2.35	ditto	2.72	ditto.	
	Jamooakandi ...	0.75	Not received	1.34	11th Feb. 1872.	
	Pubna ...	2.02	Nil	2.08	18th Feb. 1872.	
	Serajunge ...	1.65	ditto	2.25	ditto.	
BURDWAN.	Ranpore ...	Not received	ditto	0.10	ditto.	Not received 5th to 11th Feb.
	Bhowanigunge ...	ditto	Not received	Nil	4th Feb. 1872.	
	Titalya ...	Nil	Nil	1.38	18th Feb. 1872.	
	Burdwan ...	0.58	ditto	0.80	ditto.	Not received 22nd to 28th Jan.
	Cutwa ...	1.18	ditto	1.90	ditto.	
	Culina ...	Not received	0.02	0.05	ditto.	Not received 1st to 7th and 22nd to 28th Jan. and 5th to 11th Feb.
	Rood-Bood ...	0.30	Nil	1.10	ditto.	
	Bancoorah ...	0.91	ditto	0.96	ditto.	
	Raneegunge ...	1.12	ditto	1.39	ditto.	
	Sooree ...	1.20	ditto	2.55	ditto.	
BURDWAN.	Hooghly ...	3.30	0.20	4.00	ditto.	
	Serampore ...	1.30	1.16	2.68	ditto.	
	Jehanabad ...	2.67	Not received	2.67	11th Feb. 1872.	
	Howrah ...	0.99	0.31	1.30	18th Feb. 1872.	
	Mianapore ...	0.12	Nil	0.12	ditto.	
	Contai { Dy. Collr.'s Office ...	Nil	ditto	1.85	ditto.	
	Contai { Exa. Engr.'s Office ...	0.50	ditto	1.50	ditto.	
	Gurbetta ...	1.54	ditto	1.54	ditto.	
	Tumlook ...	2.00	0.20	2.33	ditto.	Not received 8th to 21st Jan. and 29th Jan. to 4th Feb.

DIVISIONS.	STATIONS.	Rain from 5th to 11th Feb. 1872.	Rain from 12th to 18th Feb. 1872.	RAIN FROM 1ST JANUARY 1872.		REMARKS.
				Inches.	Up to date.	
PRESIDENCY.	Krishnaghur ...	Not received	Not received	0.14	4th Feb. 1872.	
	Bongong ...	ditto	ditto	Nil	ditto.	
	Ranaghat ...	ditto	ditto	ditto	ditto.	
	Meherpore ...	ditto	ditto	0.20	ditto.	
	Choonadangah ...	ditto	ditto	0.10	ditto.	
	Kooshtea ...	1.50	Nil	1.50	18th Feb. 1872.	
	Jessore ...	2.20	0.01	2.30	ditto.	
	Khoolnah ...	Nil	Nil	Nil	ditto.	
	Jenidah ...	1.65	Not received	1.85	11th Feb. 1872.	
	Narail ...	1.55	ditto	1.61	ditto.	
	Magoorah ...	0.06	ditto	0.06	ditto.	
	Bagirhat ...	1.45	ditto	1.45	ditto.	
	Saugor Island ...	0.20	0.10	0.32	18th Feb. 1872.	
	Calcutta ...	0.78	0.07	1.07	ditto.	
	Alipore { Hospital ...	0.85	0.35	1.20	ditto.	
	Alipore { Jail ...	0.81	0.38	1.19	ditto.	
	Barrackpore ...	1.28	1.07	3.03	ditto.	
	Dum-Dum ...	0.95	1.01	2.06	ditto.	
	Baraset ...	1.19	0.71	2.21	ditto.	
	Satkerah ...	0.87	1.10	2.13	ditto.	
	Busseerhant ...	0.78	2.01	2.79	ditto.	
	Diamond Harbour ...	0.92	0.70	1.83	ditto.	
	Barpore ...	1.21	0.18	1.51	ditto.	
DACCA.	Dacca { Telegraph Office ...	0.68	Nil	1.19	ditto.	
	Dacca { Jail ...	0.60	ditto	0.65	ditto.	
	Burrisaul ...	0.44	0.38	1.19	ditto.	
	Dowlat Khan ...	Not received	Not received	Nil	4th Feb. 1872.	
	Perozepore ...	0.89	0.55	1.81	18th Feb. 1872.	
	Madaripore ...	1.50	Nil	2.20	ditto.	
	Furzedpore ...	0.68	ditto	0.68	ditto.	
	Gonlundo ...	2.06	ditto	2.06	ditto.	
	Mymensing ...	0.86	Not received	0.86	11th Feb. 1872.	Not received 22nd to 28th Jan.
	Jamulpore ...	Not received	ditto	Nil	21st Jan. 1872.	
	Atteah ...	1.21	Nil	1.24	18th Feb. 1872.	Not received 1st to 7th Jan.
	Kishoreganje ...	Not received	Not received	Nil	4th Feb. 1872.	Not received 8th to 14th Jan.
	Sylhet ...	0.41	Nil	0.57	18th Feb. 1872.	
CHITTAGONG.	Chittagong { Telegraph Office ...	0.10	Nil	0.50	18th Feb. 1872.	
	Chittagong { Jail ...	0.24	ditto	0.08	ditto.	
	Cox's Bazar ...	Not received	Not received	0.40	4th Feb. 1872.	
	Rangamatie Hill ...	Nil	0.32	0.82	18th Feb. 1872.	
	Noakhully ...	0.08	0.02	0.69	ditto.	
COCH BEHAR.	Tipperah ...	0.26	0.49	1.01	ditto.	
	Brahmunbariah ...	0.59	Not received	1.48	11th Feb. 1872.	
	Akyab ...	Nil	Nil	0.10	18th Feb. 1872.	
	Cooch Behar ...	ditto	ditto	1.20	ditto.	Not received 8th to 21st Jan.
	Buxa ...	0.42	ditto	1.95	ditto.	
	Gonparah ...	Not received	Not received	0.83	4th Feb. 1872.	
	Dhobree ...	ditto	ditto	1.00	28th Jan. 1872.	
	Tura (Garo Hills) ...	0.23	ditto	0.23	11th Feb. 1872.	
	Darjeeling { Telegraph Office ...	Not received	ditto	0.80	31st Jan. 1872.	
	Darjeeling { Hospital ...	0.86	Nil	0.86	18th Feb. 1872.	
ASSAM.	Runghee ...	Not received	Not received	1.20	31st Jan. 1872.	
	Julpigoree ...	Nil	Nil	0.96	18th Feb. 1872.	
	Boda ...	0.10	Not received	2.10	11th Feb. 1872.	
	Tezporo ...	0.11	ditto	0.87	ditto.	
	Nawgong ...	1.30	ditto	6.19	ditto.	
	Mungledye ...	Not received	ditto	0.89	4th Feb. 1872.	
	Burpettah ...	Nil	ditto	0.53	11th Feb. 1872.	
	Gowhatty ...	0.43	Nil	2.13	18th Feb. 1872.	
	Seebanigor ...	1.12	Not received	2.97	11th Feb. 1872.	
	Jorehaut ...	Not received	ditto	0.79	4th Feb. 1872.	Not received 15th to 21st Jan.
	Golaghat ...	ditto	ditto	1.36	ditto.	
	Nazeurah ...	0.95	ditto	2.15	11th Feb. 1872.	
	Debrooghur ...	1.07	ditto	3.03	ditto.	
	Suddya ...	Not received	ditto	3.23	4th Feb. 1872.	Not received 15th to 31st Jan.
	Shillong ...	Nil	ditto	0.01	11th Feb. 1872.	
	Cherrapoonjee ...	0.35	ditto	0.86	ditto.	
	Jaowai ...	0.45	ditto	0.95	ditto.	
	Samougoodting ...	Not received	ditto	0.10	4th Feb. 1872.	

HENRY F. BLANFORD,

Meteorological Reporter to the Govt. of Bengal.

CALCUTTA,
The 24th February 1872.

Meteorological Telegraphic Report for the period 18th to 24th February 1872.

STATIONS.	Date.	Hour.	Barometer reduced to 32°.	Barometer reduced to sea-level.	THERMOMETER		Humidity Sat. =100.	WIND.		Rain.	Clouds.	Weather initials.
					Dry.	Wet.		Direction.	Velocity.			
CALCUTTA.	Feb. 18th	10	30.097	30.115	73.5	67.0	69	W S W	...	...	...	
	18	16	29.942	29.960	80.4	66.6	46	W S W	...	...	...	
	19th	10	30.045	30.063	76.7	71.5	75	S S W	...	...	...	K
	18	16	29.903	29.921	82.0	72.5	61	S S W	...	...	...	K
	20th	10	30.071	30.089	77.0	72.6	81	S S W	...	...	...	K
	16	16	29.910	29.928	82.0	73.5	64	S by W	...	...	...	K
	21st	10	30.053	30.071	76.6	72.5	70	S W	...	1.37	...	K
	16	16	29.908	29.926	81.0	72.5	64	W	...	...	...	K
	22nd	10	30.027	30.046	74.8	69.0	59	W by N	...	...	...	
	16	16	29.897	29.915	82.0	61.0	33	W N W	...	...	...	b
SALGOR ISLAND.	23rd	10	30.078	30.096	76.5	64.7	50	W	...	...	...	b
	16	16	29.952	29.970	83.3	68.0	41	W	...	...	...	b
	24th	10	30.104	30.122	77.0	63.0	41	E by N	...	...	...	b
	16	16	29.966	29.984	83.4	63.5	27	W by N	...	...	...	b
	18th	10	30.072	30.078	77	70	68	S	3.9*	...	N	b
	16	16	29.978	29.984	80	70	58	S S E	10.0*	...	K	b
	19th	10	30.052	30.058	80	73	70	S S W	9.7*	...	CK	b
	16	16	29.941	29.947	81	73	68	S	11.5*	...	KS	b
	20th	10	30.085	30.091	81	75	74	S W	11.8*	...	K	b
	16	16	29.942	29.948	82	75	70	S	6.2*	...	KS	b
CHITTAGONG.	21st	10	30.063	30.069	78	73	77	N N W	5.3*	...	K	b
	16	16	29.916	29.922	82	76	74	S S W	8.2*	...	K, S	b
	22nd	10	30.017	30.023	82	66	38	N N E	7.9*	...	C	b, m
	16	16	29.896	29.902	84	64	28	N N W	12.6*	...	CS	b, m
	23rd	10	30.080	30.086	79	71	65	N	4.7*	...	K	b, m
	16	16	29.964	29.970	82	74	66	S	8.4*	...	N	b
	24th	10	30.103	30.109	78	74	81	N W	6.1*	...	N	b
	16	16	29.978	29.984	86	74	54	S W	6.3*	...	K	b
	18th	10	30.012	30.107	71	62	57	N	5.7*	...	...	b, m
	16	16	29.873	29.967	77	85	49	W S W	9.2*	...	...	b, m
MADRAS.	19th	10	29.996	30.091	72	63	58	N	4.7*	...	...	b, m
	16	16	29.885	29.978	78	65	46	W	6.0*	...	...	b, m
	20th	10	30.044	30.138	74	64	55	N N E	3.0*	...	...	b, m
	16	16	29.892	29.985	80	67	47	W S W	6.8*	...	...	b
	21st	10	29.983	30.077	77	69	64	N E	4.3*	...	K, CK, KS	b, m
	16	16	29.862	29.955	81	70	55	S W	7.6*	...	...	b
	22nd	10	29.938	30.031	79	73	73	E S E	7.6*	...	...	b
	16	16	29.840	29.933	79	72	69	W S W	8.5*	...	...	b, m
	23rd	10	29.993	30.088	72	68	80	N N E	4.2*	...	...	b, m
	16	16	29.892	29.984	83	66	36	N N W	7.5*	...	...	b
CUTTACK.	24th	10	30.016	30.109	78	70	65	W	3.6*	...	...	b, m
	16	16	29.894	29.987	82	69	48	W	7.4*	...	...	b, m
	17th	10	30.073	30.103	83	72	56	S E by E	4*	...	...	bc
	16	16	29.933	29.963	83	71	52	E	0*	...	...	b
	18th	10	30.057	30.087	83	72	56	E	6*	...	...	bc
	16	16	29.912	29.942	82	72	52	E by S	10*	...	...	b
	19th	10	30.046	30.076	82	70	52	N E	9*	...	...	bc
	16	16	29.923	29.953	84	73	56	E N E	11*	...	...	b
	20th	10	30.069	30.099	86	76	61	E N E	11*	...	...	bc
	16	16	29.934	29.984	85	76	64	E N E	13*	...	...	bc
ARAB.	21st	10	30.069	30.099	84	75	64	E by S	6*	...	...	bc
	16	16	29.915	29.945	85	75	60	S E by E	9*	...	...	bc
	22nd	10	29.991	30.024	84	73	58	S	5*	...	...	b
	16	16	29.875	29.905	83	72	56	S E by S	8*	...	...	b
	23rd	10	30.005	30.035	83	73	60	S by E	8*	...	...	bc
	16	16	29.925	29.955	84	73	56	S E by E	9*	...	...	bc
	18th	10	29.989	30.072	80	72	66	N E	1.5*	...	KS, N	cloudy
	16	16	29.823	29.905	85	71	47	S S W	6.3*	...	KS, N	cloudy
	19th	10	29.983	30.066	81	72	62	S W	2.6*	...	C	fair
	16	16	29.817	29.899	89	72	40	S S E	6.5*	...	...	fair
	20th	10	29.993	30.076	81	71	59	E S E	3.6*	...	...	fair
ARAB.	16	16	29.837	29.919	89	73	43	S S W	8.5*	...	C	fair
	21st	10	29.903	30.016	77	73	81	E N E	3.4*	...	N	d, t, l, cloudy
	16	16	29.823	29.905	87	75	55	S	5.6*	...	N, CK	cloudy
	22nd	10	29.893	29.976	79	73	73	E N E	2.0*	...	C, KS	cloudy
	16	16	29.781	29.866	83	70	49	E N E	5.8*	...	C	cloudy
	23rd	10	29.986	30.069	79	79	69	Calm	1.4*	...	KS	fair
	16	16	29.830	29.912	88	71	40	S W	2.7*	...	N	"
	18th	10	30.068	30.090	72	64	62	E N E	1	...	...	b
	16	16	29.917	29.939	78	65	46	N W	1	...	...	b
	19th	10	30.081	30.083	70	64	70	E N E	1	...	...	b
	16	16	29.950	29.972	77	64	45	N W	2	...	...	b
ARAB.	20th	10	30.096	30.118	71	62	57	E N E	1	...	...	b
	16	16	29.839	29.961	80	69	54	N W	1	...	...	b
	21st	10	30.040	30.062	70	64	70	E	1	...	...	b
	16	16	29.909	29.931	80	70	48	W N W	2	...	...	b
	22nd	10	30.018	30.040	78	70	72	E S E	1	...	...	b
	16	16	29.879	29.901	80	70	58	W N W	1	...	...	b
	23rd	10	30.045	30.067	78	67	60	N E	1	...	...	b
	16	16	29.926	29.948	80	78	91	W N W	2	...	...	b
	24th	10	30.080	30.102	75	65	55	E N E	1	...	...	b
	16	16	29.946	29.968	81	69	51	W	2	...	...	b

* Velocity of wind in miles per hour.

CALCUTTA,
The 24th February 1872.HENRY F. BLANFORD,
Meteorological Reporter to the Government of Bengal.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY—MAIN LINE.

Approximate Return of Traffic for week ended 10th February 1872, on 1,280 miles open.

	COACHING TRAFFIC.				MERCHANDISE AND MINERAL TRAFFIC.				Total traffic receipts.
	Number of passengers.	Coaching receipts.			Weight carried.	Receipts.			
		Rs. As. P.	£ s. d.		Mds. Srs.	Rs. As. P.	£ s. d.	£ s. d.	
Total traffic for the week ...	121,406	1,67,303 0 2	15,336 2 2		820,198 0	4,61,688 7 3	42,536 8 10	67,932 11 0	
Or per mile of railway ...		130 11 4	11 19 7		.....	363 0 7	33 5 7	45 5 2	
For previous 5 weeks of half-year ...	459,668	7,34,264 5 2	67,307 11 3		3,608,779 10	23,39,005 13 6	214,463 17 5	281,771 8 8	
Total for 6 weeks ...	581,073	9,01,567 5 4	82,643 13 5		4,428,977 10	28,01,294 4 9	257,060 6 3	339,703 19 8	
COMPARISON.									
Total for corresponding week of previous year	105,790	1,47,751 3 4	13,543 17 3		733,076 30	4,62,212 11 5	42,369 10 0	55,913 7 3	
Per mile of railway corresponding week of previous year		115 7 7	10 11 8		.....	361 3 11	33 2 4	43 14 0	
Total to corresponding date of previous year	598,527 1	8,87,231 0 6	81,329 15 9		3,912,545 0	23,66,923 14 7	216,968 0 6	298,297 16 3	

EAST INDIAN RAILWAY—JUBBULPORE LINE.

Approximate Return of Traffic for week ended 10th February 1872, on 223 miles open.

		Rs. As. P.	£ s. d.	Mds. Srs.	Rs. As. P.	£ s. d.	£ s. d.
Total traffic for the week ...	5,355	14,726 9 2	1,349 18 8	71,272 0	19,912 3 9	1,825 5 10	3,175 4 6
Or per mile of railway ...	.....	66 0 8	6 1 1	.....	89 4 8	8 3 8	14 4 9
For previous 5 weeks of half-year ...	25,194	71,500 12 2	6,554 4 9	393,904 10	1,11,734 11 3	10,242 6 11	16,796 11 8
Total for 6 weeks ...	30,549	86,227 5 4	7,904 3 5	465,176 10	1,31,646 15 0	12,067 12 9	19,971 16 2
COMPARISON.							
Total for corresponding week of previous year ...	5,910 1	22,132 15 6	2,028 17 1	54,685 20	17,588 5 10	1,612 5 4	3,041 2 5
Per mile of railway corresponding week of previous year ...	.....	99 4 0	9 2 0	.....	78 14 0	7 4 7	16 6 7
Total to corresponding date of previous year ...	30,347	1,09,820 9 2	10,066 17 8	231,767 20	65,372 4 8	5,992 9 2	16,059 6 10

EASTERN BENGAL RAILWAY.

Approximate Return of Traffic for week ended 10th February 1872, on 156½ miles open.

		Rs. As. P.	£ s. d.	Mds. Srs.	Rs. As. P.	£ s. d.	£ s. d.
Total traffic for the week ...	28,500 1	20,504 14 3	1,879 12 3	89,467 31 1	26,670 1 0	2,444 15 1	4,324 7 4
Or per mile of railway ...	183	131 0 4	12 0 3	572 0	170 0 8	15 12 5	27 12 8
For previous 5 weeks of half-year ...	158,385	1,01,937 4 6	9,344 6 1	465,590 4	1,01,574 6 11	10,310 19 10	18,655 4 11
Total for 6 weeks ...	186,885 1	1,22,442 2 9	11,223 17 4	554,967 35 1	1,28,244 7 11	12,765 14 11	22,979 12 3
COMPARISON.							
Total for corresponding week of previous year ...	30,645 1	19,437 13 1	1,781 15 11	118,560 6	22,031 0 5	2,019 10 3	3,801 6 2
Per mile of railway corresponding week of previous year ...	196	124 3 3	11 7 8	758 0	140 12 4	12 18 5	24 5 9
Total to corresponding date of previous year ...	175,834	1,04,760 7 10	9,003 0 9	641,610 14	1,33,098 3 1	12,200 13 4	21,863 14 1

CALCUTTA AND SOUTH-EASTERN STATE RAILWAY.

Approximate Return of Traffic for Week ended 10th February 1872, on 28 miles open.

		Rs. As. P.	£ s. d.	Mds. Srs.	Rs. As. P.	£ s. d.	£ s. d.
Total traffic for the week ...	8,275 1	1,208 6 9	120 16 10	14,090 20	499 6 6	48 16 10	169 13 8
Or per mile of railway ...	296	43 2 7	4 6 4	524 20	17 7 1	1 14 11	6 1 3
For previous 18 weeks of half-year ...	113,402	16,009 13 6	1,000 19 8	230,920 10	6,786 12 0	678 13 6	2,339 13 2
Total for 19 weeks ...	121,677 1	17,818 4 3	1,781 16 6	245,516 30	7,275 2 6	727 10 4	2,509 6 10
COMPARISON.							
Total for corresponding week of previous year ...	9,055 1	1,422 9 0	142 5 2	16,113 23	592 15 0	59 5 10	201 11 0
Per mile of railway corresponding week of previous year ...	324	50 13 0	5 1 8	575 19	21 13 0	2 8 8	7 5 4
Total to corresponding date of previous year ...	118,708 1	28,870 1 0	1,837 0 2	303,976 8	6,670 12 6	667 1 7	2,504 1 9



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, MARCH 6, 1872.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE may receive the SUPPLEMENT, separately, on payment of Six Rupees per annum if delivered in Calcutta, or twelve Rupees if sent by Post.

CONTENTS.

	Page.		Page.
PROCEEDINGS of the Council of the Lieutenant-Governor of Bengal for the purpose of making Laws and Regulations, held on the 2nd March 1872	189	Abstract of Observations as received in the Meteorological Reporter's Office, Calcutta, during the half month, 16th to 31st December 1871	197
Statement showing Rainfall, Weather, State and prospects of the Crops in the different districts of the Lower Provinces of Bengal, for the week ending 2nd March 1872	192	Mean Pressures and Temperatures of the preceding table reduced to sea-level, with mean wind directions	198
Weekly Report of Rainfall compiled at the Meteorological Reporter's Office	194	Results of the Meteorological Observations taken at the Surveyor-General's Office, Calcutta, from 22nd to 29th February 1872	199
Meteorological Telegraphic Report for the period 25th February to 2nd March 1872	196	Abstract of the results of the hourly Meteorological Observations taken at the Surveyor-General's Office, Calcutta, in the month of January 1872	200
		Weekly Return of Traffic Receipts on Indian Railways	201

Proceedings of the Council of the Lieutenant-Governor of Bengal for the purpose of making Laws and Regulations.

Saturday, the 2nd March 1872.

Present:

HIS HONOR THE LIEUTENANT-GOVERNOR OF BENGAL; *presiding.*

V. H. SCHALCH, Esq.,

H. L. DAMPIER, Esq.,

C. BERNARD, Esq.,

MOULVIE ABDOOL LUTEEF, KHAN BAHADOOR,

BABOO DIGUMBER MITTER,

B. D. COLVIN, Esq.,

T. M. ROBINSON, Esq.,

F. F. WYMAN, Esq.,

and

RAJAH JOTEENDRO MOHUN TAGORE, BAHADOOR.

PORT IMPROVEMENT ACT (AMENDMENT) BILL.

MR. BERNARD presented the Report of the Select Committee on the Bill to amend the Port Improvement Act. Before explaining the alterations made by the Committee, he reminded the Council that the Bill had been introduced in order to grant to the Port Commissioners the same indemnity against the acts of their river employes as the Government had enjoyed under the old law. The principle of the Bill had been supported by the Chamber of Commerce, on the ground that if such indemnity were refused, the Commissioners would have to

ensure themselves against occasional losses by maintaining high rates of port dues. The Council held that it would be better for the trade of the port that the indemnity should be granted to the Port Commissioners; and the Bill was referred to the Select Committee. The Hon'ble President, at the first reading, observed that it would be well that any other amendments required in the Port Improvement Act should be brought forward at the same time, so that, if possible, the Council might be insured against frequent tinkering of an enactment of this kind. The necessity for exhausting any proposals for amendments would, Mr. Bernard hoped, be considered by the Council sufficient excuse for the delay which had taken place in presenting the Select Committee's Report. The Select Committee had adopted the system of granting indemnity to the Port Commissioners nearly as it was introduced into the Council. The only real alteration was the insertion of the word "heretofore," so as to extend the indemnity to the year or eighteen months, during which the Port Commissioners had already, with so much advantage to the trade of Calcutta, managed the port affairs.

The Select Committee proposed new Sections 2, 3, and 4, with the view of enabling the Port Commissioners, in their capacity of Port Conservators, to remove wrecks in case the owners of wrecked vessels declined to move in the matter. These sections also enabled the Commissioners to realize the cost of such removal, plus a small margin, from any property they might recover. The margin was granted in order to cover the loss in cases where no property was recovered, for the proposed sections designedly did not give the Commissioners any power to cover the expenses of their work from owners or consignees. The work of removing wrecks must be undertaken for the good of the port,—the law made it very difficult to recover anything from owners who usually lived on another continent, and it was thought to be simplest to give the Commissioners power to reimburse themselves for their expenses only in cases where they recovered property. The sections intentionally did not provide for the Commissioners claiming salvage on property they might recover; the object was to make the port as popular and as cheap as possible. There were some drawbacks to a swift stream like the Hooghly, in which cyclones and storm waves occasionally occurred; and the Commissioners did not wish to add to these drawbacks by claiming salvage on the rich cargoes which it might be their good fortune to recover from total destruction. It might not be out of place to show how the proposed sections would work in a case like that of the *Lady Melville*, which, as some of the Council would recollect, was burnt and sunk at her moorings. Her owners declined to have anything to do with her, and her wreck prevented the use of two or more good moorings. The Commissioners got the vessel up, and removed her to the opposite bank, and recovered from the wreck her goods, which sold for several thousands of rupees. In such a case the Commissioners would, under the proposed sections, claim only their expenses, plus 20 per cent. They would claim no salvage. If they recovered no property, they would claim nothing.

Section 5, as proposed by the Committee, reduced the maximum allowance of gunpowder to be kept on board of vessels in the port from 50lbs. to 5 lbs. A case had recently come to light in which a vessel with 50lbs. of powder stored on board her had caught fire. The flames were happily got under before they had reached the powder. If this amount of powder had blown up in a crowded part of the river, the consequences might have been serious. Merchant vessels did not require a large store of powder on board in the port of Calcutta. The Commissioners hoped to arrange for taking all surplus stocks of powder off vessels opposite the Moyapore Magazine without any cost to shippers, so that this restriction, though apparently irksome, would not cause any extra expense.

The 6th Section obliged the police to give information to the Port Commissioners of breaches of port rules. Under recent arrangements, the Commissioners paid three quarters of the cost of river police in the port, and it seemed perfectly fair that the police should do this work for the Commissioners.

MR. BERNARD added that the amended Bill would, with the permission of the President, be published in the Gazette, and the Council could, if it so pleased, proceed to the settlement of the clause of the Bill at the next meeting.

THE PRESIDENT directed the report of the Committee and the amended Bill to be published in the Gazette.

CHARITABLE ENDOWMENTS' BILL.

MR. BERNARD moved for leave to bring in a Bill for the due appropriation of certain educational and charitable endowments. It had recently been brought to the notice of the Bengal Government that charitable people—Natives and Europeans—had left or had given endowments to various hospitals, charities, and schools, in Bengal; that in some cases trustees were named by the donors, in other cases no trustees were named; provision was rarely made for succession to vacant trusteeships, and it happened that in some cases there had been no one vested with the power or responsibility to see that the proceeds of such donations or endowments were fully or wisely utilized. Mr. Bernard read extracts from a report by a committee upon this subject. The committee had remarked that—

“Three of the most considerable of these endowments had each three years' income lying in the treasury to their credit. It does not appear that these balances have been accumulated for any particular object; and even if they have been so purposely allowed to accumulate, the balances ought to have been invested in Government paper from time to time, instead of lying idle in the treasury.”

The Committee suggested—

“That all educational or charitable endowments for which the donors may not nominate trustees, or for which there may not be any surviving trustees, be vested in the Standing Endowment Trustees of the district (or of the division);”

And they added that—

“It would be the business of these trustees to see that the trust money was properly invested; to see that its annual yield was devoted to the object for which it was given or bequeathed, or to some kindred object; and to see that any surplus income was from time to time invested. Where the instructions of the donor, or the orders of Government, might have delegated the management of the yearly income of an endowment to any person or body, then the ‘standing trustees’ would not interfere until the managers died out or left.”

It had been held that these suggestions, which seemed reasonable enough, could not be carried into effect without legislative sanction. The matter had been referred to by the Hon'ble President in his opening address at the beginning of the session, and Mr. Bernard had been instructed to bring forward a short Bill to give effect to the suggestions he had just read to the Council. Mr. Bernard submitted that it would be satisfactory to future donors and endowments to know that trustees existed who would be bound by the law to see that their bequests were made the most of. The Bill would not, it was proposed, embrace religious endowments or bequests, because Act XX of 1863 of the Viceroy's Council already sufficiently provided for such endowments; and Section 14 of that Act enabled a person interested to proceed against any trustee or manager who might neglect or abuse any religious endowment under his care.

The motion was agreed to, and the President directed the Bill to be published in the Gazette.

The Council was then adjourned to Saturday, the 9th instant.

Rainfall, Weather and State and Prospects of the Crops.

Statement showing Rainfall, Weather and State and Prospects of the Crops in the different Districts of the Lower Provinces of Bengal, as reported to Government, during the week ending 2nd March 1872.

No	District.	Date of return from each district.	Rainfall at Sudder Station, in inches.	Character of the weather in the district, as far as known.	State and prospects of the crops at date.	REMARKS.
1872.						
1	Bhaugulpore	.. Mar. 2nd	0	Favorable	Spring crop promises to be good.	
2	Monghyr	 2nd	A few drops.	Fine and seasonable.	Favorable.	
3	Purneah	 2nd	0	Seasonable	Winter crops mostly reaped; spring crops promise a full harvest.	
4	Rajmehal	 2nd	Few drops.	Hot and dry	Khesari, gram, and wheat look promising.	
5	Deoghur	 2nd	0	Cloudy and hot	Sugar-cane sowings getting on favorably.	
6	Nya Doomka	 2nd	0	Cloudy and warm	Nothing on the ground.	
7	Godda	 2nd	Slight	Hot and cloudy	Good.	
8	Pakour	 2nd	0	Hot weather rapidly coming on.	Favorable.	
9	Jamtarra.	 2nd	0.02	Fine	Wheat, oat, &c., fair; pulses damaged by rain and fogs.	
10	Patna	 2nd	0	Dry	Crops progressing favorably.	
11	Gya	 2nd	0	Dry	Crops progressing favorably.	
12	Chumparun	 2nd	Very slight.	Fair, with west wind.	The spring crops have grown up well, and promise a rich outturn.	
13	Sarun	... Feb. 24th	0	Fine	Very good throughout.	
14	Shahabad	... Mar. 2nd	0.1	Fair	Winter crops continue to promise well; wheat and tisi suffering from a yellow blight brought on by too much moisture.	
15	Tirhoot	 2nd	Very slight.	Fair	Spring crops appear improving.	
16	Rajshahye	... Feb. 29th	0	Warm	Spring crops daily improving; mustard, musoor, and peas harvested.	Small-pox and cholera prevailing in Putha and Tanora.
17	Bograh.	... Mar. 2nd	0.05	Days cloudy, with variable light wind.	Little of the winter crops grows in the district; mustard scanty for want of rain in October; price has risen 75 per cent.	
18	Dinapore	... Mar. 2nd	0.05	Days cloudy, with variable light wind.	Little of the winter crops grows in the district; mustard scanty for want of rain in October; price has risen 75 per cent.	
19	Maldah	 2nd	0.02	Fair, and then cloudy & rainy.	Good.	
20	Moorshedabad	 2nd	Drizzling rain.	Fair throughout; cloudy on 1st March.	Generally good. Gram may be injured a little by the rain.	
21	Pubna	 2nd	0.06	Fine and seasonable.	Good.	
22	Rungpore	 2nd	0.31	Thunder-storm, with slight rain	Preparing the ground.	
23	Burdwan.	... Mar. 1st	0	Fine; getting hot	The spring crops doing well.	
24	Bancoorah	... Mar. 1st	0	Fine; getting hot	The spring crops doing well.	
25	Beerbhoom	 2nd	Slight	Rather hot and fine.	Average; lands being ploughed for paddy.	
26	Hooghly	 2nd	0	Clear	Winter crop good.	
27	Howrah	 2nd	0.98	Favorable	Satisfactory.	
28	Midnapore	 1st	0	Growing hot	Good.	
29	Nuddea	 2nd	0	Hot and foggy; rain expected.	Continues fair	
30	Jessore	 1st	3.72	Generally clear, occasionally misty and cloudy.	Good.	
31	24-Pergunnahs	 2nd	0	Generally fair	Good.	
32	Dacca	 2nd	0	Seasonable	Good.	
33	Backergunge	 1st	0	Warm	The rice crops have all been reaped.	
34	Furreedpore	 2nd	0	Generally fair and pleasant.	Good.	
35	Mymensingh	 2nd	0	Fair	Good.	

Cholera in different parts of the districts, especially in Chocadanga and Bongong. Native doctors have been sent out.

No.	District.	Date of return from each district.	Rainfall at Sudder Station, in inches.	Character of the weather in the district, as far as known.	State and prospects of the crops at date.	REMARKS.
		1872.				
36	Sylhet	Feb. 24th	0	Good	Good.	
37	Cachar	" 24th	0	Fair	No crops.	
38	Chittagong	" 24th	0	Fine	Generally favorable.	
39	Noakhally or Bulloah	" 23rd	0.04	Fair	Good.	
40	Tipperah	" 23rd	0.8	Fine, with occasional showers.	Generally satisfactory.	
41	Hill Tracts of Chittagong.	" 24th	0.3	Foggy and rainy	Good.	
42	Cuttack	Mar. 2nd	0	Very hot	Good.	
43	Balasore	" 2nd	0	Warm and close.	Good.	
44	Pooree	Feb. 23rd	0.7	Favorable	Exportation going on briskly to Madras from Pooree town by sea, and also to Ganjam by the Chilka. Things are satisfactory throughout the district, except in Malud and Parikud. There the pressure from failure of last year's crops is becoming close, and some ryots are selling their plough-cattle. There was a shower of rain on the 23rd.	
45	Hazareebaugh	Mar. 2nd	0.3	Fine and favorable, then cloudy and unfavorable.	Fair.	
46	Lohardugga	Mar. 1st	0.06	Seasonable	Favorable.	
47	Maunbhoom	" 2nd	0	Cloudy	Wheat, barley, gram, peas, linseed, and rape, have improved by the late rain.	
48	Singbhoom	Feb. 23rd	0.09	Seasonable	Favorable.	
49	Durrung	" 23rd	0	Variable	Sugar-cane is being cut.	
50	Nowgong	" 23rd	0	Cold nights, hot days, and strong winds.	Good.	
51	Seesaugor	" 23rd	0.81	Cool, pleasant, and healthy.	Satisfactory.	
52	Kamroop	" 24th	0	Cold and dry	Favorable.	
53	Luckimpore	" 24th	0.64	Unsettled; thunder and high wind; rain mostly at night.	Satisfactory.	
54	Khasi and Jynteah Hills.	" 23rd	0.38	Fine	No crops on the ground.	
55	Naga Hills	" 16th	0	Fine, cold, and seasonable in the hills; damp and chilly in the plains.	Hill-tribes still occupied in preparing their "jhums."	
56	Julpigofee	Mar. 2nd	0	Generally warm.	No crop on the ground.	
57	Gowalparah	Feb. 24th	0	Mornings cool and pleasant, and days cloudy.	Almost all crops reaped and gathered.	
58	Garo Hills	" 24th	0	Fair	No crops on the ground.	
59	Darjeeling	Mar. 2nd	0	Good; high winds	Crops reaped; they are short by $\frac{1}{2}$ owing to want of rain.	
60	Cooch Behar	Feb 24th	1.2	Fine	Good.	

N. H.—The columns of the districts from which returns have not been received remain blank.

Published for general information.

FORT WILLIAM,
The 5th March 1872.

R. H. WILSON,
Offg. Under-Secy. to the Govt. of Bengal

Weekly Report of Rainfall compiled at the Meteorological Reporter's Office.

DIVISIONS.	STATIONS.	Rain from 12th to 18th Feb. 1872.	Rain from 19th to 25th Feb. 1872.	RAIN FROM 1st JANUARY 1872.		REMARKS.
				Inches.	Up to date.	
CUTTACK.	Cuttack { Telegraph Office ...	Nil	Nil	0.40	25th Feb. 1872.	
	Cuttack { Jail ...	0.05	0.14	0.63	ditto.	
	False Point ...	0.30	Not received	0.30	18th Feb. 1872.	
	Jajipore ...	Nil	ditto	0.40	ditto.	
	Kendraparah ...	0.10	ditto	0.10	ditto.	
	Jugutsingapore ...	Nil	ditto	Nil	ditto.	
	Sambulpore ...	Not received	ditto	ditto	7th Jan. 1872.	
	Balasore ...	2.70	Nil	2.70	25th Feb. 1872.	Not received 15th to 21st Jan.
	Bhuddruck ...	Nil	0.52	0.89	ditto.	
	Poorce ...	ditto	0.07	0.15	ditto.	Not received 8th to 14th Jan.
CHOTA NAGPORE.	Khoordah ...	Not received	Not received	Nil	7th Jan. 1872.	
	Hazareebagh { Jail ...	Nil	Nil	1.19	25th Feb. 1872.	
	Hazareebagh { Dispensary ...	ditto	ditto	1.18	ditto.	
	Burhee ...	Not received	Not received	1.50	11th Feb. 1872.	Not received 22nd to 28th Jan.
	Puchumba ...	ditto	ditto	0.48	4th Feb. 1872.	
	Ranchee ...	Nil	Nil	1.46	25th Feb. 1872.	
	Palanow ...	ditto	ditto	0.96	ditto.	
	Puruba ...	ditto	ditto	1.08	ditto.	
	Gobindpore ...	ditto	Not received	1.35	18th Feb. 1872.	
	Chyabassa ...	ditto	0.09	0.25	25th Feb. 1872.	
PATNA.	Patna (Bankipore) ...	ditto	Nil	2.87	ditto.	
	Diaporo { Jail ...	ditto	ditto	2.75	ditto.	
	Diaporo { Cantonment ...	Not received	Not received	3.32	11th Feb. 1872.	Not received 8th to 14th Jan.
	Behar ...	Nil	ditto	2.06	18th Feb. 1872.	
	Barh ...	Not received	ditto	2.16	11th Feb. 1872.	
	Gya ...	ditto	ditto	2.24	ditto.	
	Sherghotty ...	Nil	Nil	1.20	25th Feb. 1872.	
	Nowadah ...	ditto	ditto	1.51	ditto.	
	Arungabad ...	ditto	ditto	3.58	ditto.	
	Chunparan ...	ditto	Not received	0.51	18th Feb. 1872.	Not received 1st to 7th and 15th to 21st Jan., & 20th Jan. to 4th Feb.
BRAHMPUR.	Bettiah ...	ditto	ditto	1.20	ditto.	Not received 22nd to 28th Jan.
	Chuprah ...	ditto	Nil	2.50	25th Feb. 1872.	
	Sewan ...	ditto	ditto	1.21	ditto.	Not received 8th to 14th Jan.
	Mozufferpore ...	ditto	ditto	2.30	ditto.	
	Durbhangah ...	ditto	ditto	1.12	ditto.	
	Seetannaree ...	ditto	ditto	1.25	ditto.	
	Tajpore ...	Not received	ditto	3.52	ditto.	Not received 12th to 18th Feb.
	Mudhubani ...	Nil	Not received	2.02	18th Feb. 1872.	
	Hajipore ...	ditto	Nil	3.09	25th Feb. 1872.	
	Arrah ...	ditto	ditto	2.57	ditto.	
RAJSHAHY.	Buxar ...	ditto	ditto	2.86	ditto.	
	Sasseram ...	ditto	ditto	1.86	ditto.	
	Bhuboah ...	ditto	Not received	2.26	18th Feb. 1872.	
	Benares ...	ditto	ditto	1.95	ditto.	
	Bhimgulpore ...	ditto	Nil	0.18	25th Feb. 1872.	Not received 5th to 11th Feb.
	Mudheypoorah ...	ditto	ditto	1.00	ditto.	
	Banka ...	ditto	ditto	1.86	ditto.	
	Soopool ...	ditto	ditto	0.99	ditto.	
	Monghyr ...	ditto	ditto	2.08	ditto.	
	Jamouie ...	ditto	ditto	1.67	ditto.	Not recorded 20th Jan. to 3rd Feb.
BUNDWAN.	Begoeserai ...	ditto	Not received	3.05	18th Feb. 1872.	Not received 22nd to 28th Jan.
	Deoghur ...	ditto	Nil	2.34	25th Feb. 1872.	
	Jantara ...	ditto	ditto	1.50	ditto.	
	Rajmehal ...	ditto	ditto	0.49	ditto.	Not received 5th to 11th Feb.
	Pakour ...	Not received	Not received	Nil	14th Jan. 1872.	
	Nya-Doomka ...	Nil	Nil	1.90	25th Feb. 1872.	
	Purneah ...	ditto	ditto	1.84	ditto.	
	Kishengunge ...	ditto	Not received	1.42	18th Feb. 1872.	
	Arrarenh ...	Not received	ditto	...	...	
	Rampore Beaulah ...	Nil	Nil	2.37	25th Feb. 1872.	
BUNDWAN.	Nattore ...	ditto	ditto	2.40	ditto.	
	Bograh ...	ditto	ditto	1.12	ditto.	
	Dinapore ...	Not received	ditto	1.77	ditto.	Not received 12th to 18th Feb.
	Maldah ...	Nil	ditto	1.43	ditto.	
	Berhampore ...	ditto	ditto	2.85	ditto.	
	Jungipore ...	ditto	ditto	3.13	ditto.	
	Lanibagh ...	ditto	ditto	2.72	ditto.	
	Jamookandi ...	Not received	Not received	1.34	11th Feb. 1872.	
	Pubna ...	Nil	Nil	2.08	25th Feb. 1872.	
	Serajunge ...	ditto	ditto	2.25	ditto.	
BUNDWAN.	Rangpore ...	ditto	ditto	0.10	ditto.	Not received 5th to 11th Feb.
	Bhowanigunge ...	ditto	Not received	Nil	18th Feb. 1872.	
	Titallya ...	ditto	Nil	1.38	25th Feb. 1872.	
	Burduwan ...	ditto	ditto	0.60	ditto.	Not received 22nd to 28th Jan.
	Cutwa ...	ditto	ditto	1.00	ditto.	
	Culna ...	0.02	ditto	0.05	ditto.	Not received 5th to 11th Feb.
	Bood-Bood ...	Nil	ditto	1.10	ditto.	Not received 22nd to 28th Jan.
	Baucoorah ...	ditto	ditto	0.96	ditto.	
	Raneegunge ...	ditto	ditto	1.39	ditto.	
	Sooree ...	ditto	ditto	2.65	ditto.	
BUNDWAN.	Hooghly ...	0.20	0.20	4.20	ditto.	
	Serampore ...	1.16	0.04	2.72	ditto.	
	Jehannabad ...	Nil	Not received	2.87	18th Feb. 1872.	
	Howrah ...	0.21	0.08	2.28	25th Feb. 1872.	
	Midnapore ...	Nil	Nil	0.12	ditto.	
	Contai { Dy. Collr.'s Office ...	ditto	ditto	1.35	ditto.	
	Contai { Eng. Engr.'s Office ...	ditto	ditto	1.60	ditto.	
	Gurbetta ...	ditto	ditto	1.54	ditto.	
	Tumlook ...	0.20	0.20	2.53	ditto.	Not received 8th to 21st Jan., and 29th Jan. to 4th Feb.

DIVISION.	STATIONS.	Rain from 12th to 18th Feb. 1872.	Rain from 19th to 25th Feb. 1872.	RAIN FROM 1st JANUARY 1872.		REMARKS.
				Inches.	Up to date.	
PRESIDENCY.	Krishnaghur ...	Nil	Not received	1.83	18th Feb. 1872.	Not received 5th to 11th Feb.
	Bongong ...	ditto	ditto	Nil	ditto ...	
	Kanaghat ...	ditto	ditto	1.77	ditto.	
	Meherpore ...	ditto	ditto	1.40	ditto.	
	Choodangab ...	ditto	ditto	1.30	ditto.	
	Kooshtea ...	ditto	ditto	1.50	ditto.	25th Feb. 1872.
	Jessore ...	0.01	0.20	2.50	25th Feb. 1872.	
	Khoolnah ...	Nil	Nil	Nil	ditto.	
	Jemdah ...	ditto	Not received	1.85	18th Feb. 1872.	
	Nurnil ...	0.05	ditto	1.66	ditto.	
	Magoorah ...	Nil	ditto	0.06	ditto.	25th Feb. 1872.
	Bagirhaut ...	0.01	ditto	1.46	ditto.	
	Saugor Island ...	0.10	Nil	0.32	25th Feb. 1872.	
	Calcutta ...	0.67	1.37	3.04	ditto.	
	Alipore { Hospital ...	0.35	1.29	2.49	ditto.	
	{ Jail ...	0.38	1.09	2.18	ditto.	ditto.
	Barrackpore ...	1.07	Nil	3.03	ditto.	
	Dum-Dum ...	1.01	0.23	2.28	ditto.	
	Baraset ...	0.71	0.10	2.31	ditto.	
	Satkerah ...	1.10	0.42	2.55	ditto.	
	Buxseerhaut ...	2.01	0.23	3.02	ditto.	ditto.
	Diamond Harbour ...	0.70	Nil	1.83	ditto.	
	Barripore ...	0.18	ditto	1.51	ditto.	
	Dacca { Telegraph Office ...	Nil	0.20	1.30	ditto.	Not received 22nd to 28th Jan.
	{ Jail ...	ditto	0.10	0.75	ditto.	
	Burmanul ...	0.38	0.14	1.33	ditto.	
	Dowlat Khan ...	0.95	Nil	1.65	ditto.	
	Perozepore ...	0.55	1.45	3.24	ditto.	
DACCA.	Madaripore ...	Nil	1.17	3.37	ditto.	Not received 1st to 7th Jan.
	Furzedpore ...	ditto	Nil	0.88	ditto.	
	Goalundo ...	ditto	ditto	2.06	ditto.	
	Mymensing ...	Not received	Not received	0.86	11th Feb. 1872	
	Jamulpore ...	ditto	ditto	Nil	21st Jan. 1872.	
	Atteah ...	Nil	ditto	1.24	18th Feb. 1872	Not received 1st to 7th Jan. Not received 8th to 14th Jan., and 5th to 11th Feb.
	Kishoregunge ...	ditto	ditto	Nil	ditto ...	
	Sylhet ...	ditto	Nil	0.57	25th Feb. 1872.	
	Cachar ...	0.11	ditto	1.65	ditto.	
	Hylakaudy ...	Nil	Not received	1.25	18th Feb. 1872.	
CHITTAGONG.	Koyah ...	0.31	ditto	1.18	ditto.	25th Feb. 1872.
	Chittagong { Telegraph Office ...	Nil	Nil	0.50	25th Feb. 1872.	
	{ Jail ...	ditto	0.90	1.58	ditto.	
	Cox's Bazar ...	ditto	Not received	1.05	18th Feb. 1872.	
	Kangamatee Hill ...	0.32	ditto	0.82	ditto.	25th Feb. 1872.
	Noakhally ...	0.02	ditto	0.73	25th Feb. 1872.	
	Tipperah ...	0.40	0.80	1.81	ditto.	
	Brahmanbariah ...	Nil	Not received	1.43	18th Feb. 1872.	
	Akyab ...	ditto	Nil	0.10	25th Feb. 1872.	
COOCH BEHAR.	Cooch Behar ...	ditto	ditto	1.20	ditto ...	Not received 8th to 21st Jan.
	Buxa ...	ditto	Not received	1.95	18th Feb. 1872.	
	Gaipurah ...	Not received	ditto	0.83	4th Feb. 1872.	
	Dhoooree ...	ditto	ditto	1.01	28th Jan. 1872.	
	Tura (Garo Hills) ...	Nil	ditto	0.23	18th Feb. 1872.	
	Darjeeling { Telegraph Office ...	Not received	ditto	0.80	31st Jan. 1872	25th Feb. 1872.
	{ Hospital ...	Nil	Nil	0.80	25th Feb. 1872	
	Rungbee ...	Not received	Not received	1.20	31st Jan. 1872.	
	Julpigoree ...	Nil	Nil	0.00	25th Feb. 1872.	
	Boda ...	Not received	Not received	2.10	11th Feb. 1872	
ARUN.	Tezporo ...	Nil	ditto	0.87	18th Feb. 1872.	Not received 15th to 21st Jan.
	Nowgong ...	ditto	ditto	6.19	ditto.	
	Mungledye ...	0.02	ditto	1.17	ditto.	
	Burpettah ...	Nil	ditto	0.53	ditto.	
	Gowhaty ...	ditto	ditto	2.13	ditto.	
	Seebaugor ...	0.45	ditto	3.42	ditto.	Not received 15th to 21st Jan.
	Jorehaut ...	0.10	ditto	2.09	ditto ...	
	Golaghat ...	0.20	ditto	2.86	ditto.	
	Nazcerah ...	0.15	ditto	2.30	ditto.	
	Debroughur ...	0.35	ditto	3.38	ditto.	
	Suddya ...	Not received	ditto	5.05	11th Feb. 1872	Not received 15th to 21st Jan.
	Shillong ...	0.28	ditto	0.29	18th Feb. 1872.	
	Cherrapoonjee ...	Not received	ditto	0.86	11th Feb. 1872.	
	Jaowai ...	ditto	ditto	0.95	ditto.	
	Samoogooding ...	Nil	ditto	0.54	18th Feb. 1872.	

HENRY F. BLANFORD,

Meteorological Reporter to the Govt. of Bengal.

CALCUTTA,
The 2nd March 1872.

Meteorological Telegraphic Report for the period 25th Feb. to 2nd Mar. 1872.

STATIONS.	Date.	Hour.	Barometer reduced to 32°.	Barometer reduced to sea-level.	THERMOMETER		Humidity Sat. = 100	WIND.		Rain.	Clouds.	Weather initials.
					Dry.	Wet.		Direction.	Velocity.			
CALCUTTA.	Feb.											
	25th	10	30.110	30.128	75.3	82.0	42	W by N	...	...	...	b
	16		29.924	29.946	82.4	81.0	31	W	...	...	...	b
	26th	10	30.020	30.039	74.5	68.7	74	S W	...	...	...	b
	16		29.857	29.875	84.2	67.2	37	W S W	...	...	...	b
	27th	10	29.963	29.981	77.7	73.0	77	S W	...	...	...	b
	16		29.846	29.864	86.5	69.0	37	S W	...	...	...	b
	28th	10	29.963	29.981	77.1	74.0	86	S S W	...	...	C	b
	16		29.842	29.860	87.5	73.5	48	S S W	...	...	...	b
	29th	10	29.955	29.973	80.5	76.5	82	S S W	...	...	C	b
SAGOR ISLAND.	March	16	29.838	29.856	88.7	77.0	68	S by W	...	...	...	b
	1st	10	29.987	30.005	79.0	74.4	79	N N E	...	...	...	b
	16		29.913	29.931	88.7	70.5	36	N N E	...	...	...	b
	2nd	10	30.069	30.087	80.3	69.7	58	N by W	...	...	CK	b
	16		29.965	29.983	81.7	71.7	50	W S W	...	...	...	b
	Feb.											
	25th	10	30.110	30.116	81	68	48	E N E	6.6*	...	...	b
	16		29.913	29.959	83	68	42	S S W	6.1*	...	...	b
	26th	10	30.031	30.037	82	71	66	S S W	5.3*	...	K	b
	16		29.873	29.879	83	75	67	S S W	10.7*	...	...	b
CHITTAGONG.	27th	10	29.985	29.991	84	78	75	S W	13.1*	...	K	b, scuds
	16		29.859	29.865	83	77	75	S S W	17.7*	...	...	b, m
	28th	10	29.971	29.977	85	79	75	W S W	18.0*	...	K	b, scuds
	16		29.864	29.870	84	74	75	S	14.2*	...	...	b, m
	29th	10	29.963	29.969	85	79	75	S W	9.8*	...	...	b, m
	March	16	29.865	29.871	86	80	75	S	13.3*	...	...	b
	1st	10	29.986	29.992	83	76	71	W N W	12.7*	...	...	b, m
	16		29.905	29.911	89	72	40	N E	16.4*	...	N	m
	2nd	10	30.059	30.065	82	74	68	N	6.1*	...	...	m
	16		29.884	29.890	85	75	60	N W	5.3*	...	N	m, u
MADRAS.	Feb.											
	25th	10	29.978	30.071	82	61	23	N	4.2*	...	...	b, m
	16		29.837	29.939	81	63	31	W	8.1*	...	...	b, m
	26th	10	29.948	30.042	77	68	60	N N E	5.0*	...	...	b, m
	16		29.807	29.900	81	67	44	W	9.3*	...	...	b, m
	27th	10	29.921	30.015	75	69	72	N	4.3*	...	...	b, m
	16		29.847	29.940	82	67	42	W S W	8.8*	...	...	b, m
	28th	10	29.903	29.996	81	72	62	N	3.4*	...	...	b, m
	16		29.817	29.910	80	75	78	W S W	5.9*	...	...	b, m
	29th	10	29.930	30.023	79	73	73	E	3.9*	...	...	b, m
CUTTACK.	March	16	29.834	29.927	82	75	70	S W	8.0*	...	...	b, m
	1st	10	29.933	30.027	73	63	54	E	4.2*	...	...	b, m
	16		29.852	29.944	83	73	60	W	7.0*	...	...	b, m
	2nd	10	29.965	30.057	83	71	52	N W	4.1*	...	...	b, m
	16		29.874	29.965	85	71	40	W	7.1*	...	...	b, m
	Feb.											
	24th	10	30.083	30.118	83	73	60	E by N	6*	...	...	b
	16		29.951	29.981	83	73	60	E	8*	...	...	b
	25th	10	30.058	30.088	83	73	60	E N E	7*	...	...	b
	16		29.940	29.970	83	73	60	E N E	13*	...	...	b
ARYAB.	26th	10	30.010	30.040	85	73	54	E N E	6*	...	...	b
	16		29.881	29.911	84	74	60	E by N	11*	...	...	b
	27th	10	30.005	30.035	83	70	49	S E by E	6*	...	...	b
	16		29.891	29.921	84	72	53	E	8*	...	...	b
	28th	10	30.017	30.047	83	70	49	E by N	3*	...	...	b
	16		29.912	29.942	84	72	53	E by N	8*	...	...	b
	29th	10	30.025	30.055	82	71	55	S by W	7*	...	...	b
	March	16	29.905	29.935	85	72	50	S E by E	7*	...	...	b
	1st	10	30.030	30.060	83	70	49	S E	7*	...	...	b
	16		29.901	29.931	83	71	52	S E	11*	...	...	b
ARYAB.	Feb.											
	25th	10	29.936	30.019	78	72	73	W	1.6*	...	...	fair
	16		29.873	29.955	89	68	29	N E	2.5*	...	...	fair
	26th	10	30.029	30.112	78	71	69	E N E	1.4*	...	...	fair
	16		29.863	29.945	88	68	31	S	2.7*	...	...	fair
	27th	10	29.940	30.032	79	71	65	W	1.1*	...	...	fair
	16		29.767	29.843	91	69	28	E S E	3.2*	...	...	fair
	28th	10	29.913	29.996	81	71	59	S S W	1.6*	...	N	fair
	16		29.768	29.849	92	70	29	S W	5.9*	...	...	fair
	29th	10	29.913	29.996	78	65	48	S S W	3.2*	...	...	fair
ARYAB.	March	16	29.738	29.819	97	73	27	N N W	4.1*	...	...	fair
	1st	10	29.885	29.967	84	70	40	S W	2.5*	...	...	fair
	16		29.753	29.834	93	68	22	S S W	10.8*	...	...	fair
	2nd	10	29.891	29.974	80	70	58	N N W	8.3*	...	...	fair
	16		29.796	29.877	91	71	33	E N E	7.3*	...	CK	cloudy
	Feb.											
	25th	10	30.042	30.064	78	66	49	E	1	...	...	b
	16		29.916	29.928	82	77	78	W N W	2	...	...	b
	26th	10	30.010	30.032	75	65	55	E N E	1	...	...	b
	16		29.816	29.868	81	66	41	W	1	...	...	b
	27th	10	30.010	30.032	75	65	55	E N E	1	...	...	b
ARYAB.	28th	10	29.846	29.868	81	66	41	W	1	...	...	b
	16		29.957	29.979	79	69	58	E S E	1	...	...	b
	29th	10	29.876	29.898	82	70	52	W N W	3	...	...	b
	16		29.993	30.014	77	72	77	E	...	...	...	b
	March	16	29.886	29.908	85	68	37	W	3	...	...	b
	1st	10	30.020	30.042	78	71	69	E S E	1	...	...	b
	16		29.894	29.916	81	72	62	N N W	2	...	...	b
	2nd	10	30.017	30.039	79	72	69	N N E	1	...	...	b
	16		29.898	29.920	84	74	60	N N W	2	...	...	b

* Velocity of wind in miles per hour.

CALCUTTA,
The 2nd March 1872.HENRY F. BLANFORD,
Meteorological Reporter to the Government of Bengal.

**Abstract of Observations as received in the Meteorological Reporter's Office, Calcutta,
DURING THE HALF MONTH 16TH TO 31ST DECEMBER 1871.**
N.B.—The Barometric data are reduced for temperatures, and not for height above sea-level.

STATIONS.	BAROMETER.				THERMOMETER.										HUMIDITY.				RAINFALL.							
	Height above sea-level.	MEAN OF				SOLAR RADIATION.				Mean of max.	Mean daily range.	Mean of min.	MEAN OF				Highest Max.	Absolute range.		Lowest Min.	MEAN OF				In inches.	No. of days.
		Range.	Mean.	Day.	Night.	Max.	Day.	Min.	Day.				Night.	10 hours.	10 hours.	4 hours.		Mean.	10 hours.		10 hours.	22 hours.				
																							Day.	Night.			Day.	Night.
Feet.	Not received.	30.048	29.939	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Port Blair	100	Not received.	30.048	29.939	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Madras	27	29.993	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vincentpattam	31	30.014	29.988	30.074	29.957	30.037	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Akyab	21	30.029	30.011	30.081	29.971	30.046	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Faile Point	187	30.103	30.088	30.147	30.061	30.116	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cuttack	60	29.991	29.968	30.060	29.924	30.012	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Saugor Island	6	30.066	30.040	30.132	30.069	30.083	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong	80	29.974	29.947	30.031	29.921	29.997	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Calcutta	18.11	30.055	30.030	30.125	29.998	30.067	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jessore	22	30.046	30.034	30.162	29.985	30.064	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	35	30.031	30.066	30.082	29.974	30.051	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cachar	88.91	29.976	29.958	30.045	29.912	29.957	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Baranpore	2.014	29.003	27.988	28.053	27.956	28.017	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gya	68	29.004	29.980	30.070	29.942	30.023	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Patna	400.2	29.704	29.681	29.775	29.644	29.716	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Monghyr	179	29.880	29.868	29.931	29.823	29.869	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Darjeeling	160.4	29.892	29.873	29.956	29.839	29.899	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Goalpara	6.945	29.432	23.419	23.447	23.412	23.450	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Shillong	388	29.636	29.637	29.684	29.583	29.641	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bonga	4.792	25.378	25.371	25.411	25.339	25.391	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Roorkes	562.74	29.819	29.798	29.882	29.773	29.826	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	879.7	29.177	29.162	29.226	29.143	29.176	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

CALCUTTA—DECEMBER 1871.

Mean Barometric pressure of 16 years ... 30.029 | Mean temperature of 16 years ... 67.8 | Mean humidity of 16 years ... 72 | Mean rainfall of 16 years ... 0.10
 Ditto ditto of 1871 ... 30.046 | Ditto ditto of 1871 ... 69.4 | Ditto ditto of 1871 ... 70 | Actual fall in 1871 ... Nil
 Excess in 1871 ... -0.017 | Excess in 1871 ... 1.6 | Defect in 1871 ... 0.10

CALCUTTA,

The 29th February 1872.

HENRY F. BLANFORD,
Meteorological Reporter to the Govt. of Bengal.

Mean Pressures and Temperatures of the preceding Table reduced to Sea-Level, with Mean Wind Directions.

STATIONS.	Mean barometric pressure reduced to sea-level.	Mean temperature reduced to sea-level.	WIND.	
			Proportional prevalence, Max.=100.	Mean direction.
Port Blair	...	...	...	...
Madras	30.021	78.4	88	N 62° E
Vizagapatam	30.040	78.5	73	N 85° E
Akyab	30.051	71.4	45	N 11° W
False Point	30.121	71.7	61	N 48° E
Cuttack	30.075	71.5	45	N 50° E
Saugor Island	30.072	68.2	42	N 20° E
Chittagong	30.060	68.0	75	N 18° W
Calcutta	30.074	68.7	25	N 60° W
Jessore	30.068	65.3	28	N 4° W
Dacca	30.068	67.7	33	N 31° W
Cachar	30.070	65.1	30	S 60° E
Hazareebaugh	30.077	60.4	48	N 61° W
Berhampore	30.076	67.4	43	N 38° W
Gya	...	65.0	18	N 20° E
Patna	30.070	62.5	5	N 35° E
Monghyr	30.062	64.4	43	S 78° W
Darjeeling	30.132	63.2	20	S 45° W
Gowalparah	30.040	60.4	45	S 88° E
Shillong	30.147	63.7	34	N 22° W
Benares	30.098	62.4	6	N
Roorkee	30.114	60.2	11	N 47° W

NOTE.

Barometric Pressure.—The pressures in column 2 of the above table for all stations below 500 feet are reduced from those given in column 3 of the table on the previous page by adding the weight of a column of air of the corresponding temperatures given in column 17. For stations of above 500 feet elevation, the reduction is made by Dippe's tables as given in Guyot's "Meteorological and Physical Tables."

Temperature.—The temperatures in column 3 are reduced from those in column 17 on the preceding page by adding 1° Fahr. for every 350 feet.

Wind Direction.—The mean wind direction and its comparative prevalence are calculated from the whole number of wind observations recorded during the half month. The latter is given as a percentage of the whole number of observations. The mean direction is calculated in the usual way by Lambert's formula.

The above being all comparable, afford the data for constructing a meteorological chart for the half month, which shall show the isobaric and isothermal lines and the resultant wind directions, which last may be represented by arrows of varying length, proportioned to the prevalence of the wind. To these may be added the rainfall from the previous tables.

CALCUTTA,
The 29th February 1872.

HENRY P. BLANFORD,
Meteorological Reporter to the Govt. of Bengal.

Results of the Meteorological Observations taken at the Surveyor-General's Office, Calcutta, from 22nd to 29th February 1872.

Month.	Date.	Mean reduced barometer.	THERMOMETER.			Mean dry bulb.	Mean wet bulb.	Computed mean dew-point.	Mean degree of humidity.	WIND.			Rain.	Moon's phases.	GENERAL REMARKS.
			Highest reading.	Lowest reading.	Max. solar radiation.					Prevailing direction.	Max. pressure.	Daily velocity.			
		Inches.	°	°	°	°	°	°			lb	Miles.	In.		
Feb.	22nd	29.950	82.0	65.0	132.0	73.8	64.6	58.2	0.60	W by N & N	...	29.3	...	...	Clear.
	23rd	.989	83.3	64.5	132.8	73.9	65.6	59.8	.63	W	...	83.5	...	...	Clear. Slightly foggy at 8 P.M.
	24th	30.020	83.4	68.8	135.0	75.0	65.2	58.3	.58	W N W & W	...	48.7	...	○	Clear. Slightly foggy at 9 P.M.
	25th	.009	82.4	62.0	133.8	72.5	62.6	54.7	.56	W by N & W	...	42.3	...	...	Clear.
	26th	29.933	84.2	64.2	131.8	74.0	66.8	61.8	.67	W S W & S	...	47.6	...	...	Chiefly clear.
	27th	.893	86.8	68.2	133.0	76.4	69.5	64.7	.68	W S S W & S W	...	93.4	...	...	Clear.
	28th	.893	87.5	70.5	137.4	77.5	72.5	69.0	.76	S S W	...	67.7	...	...	Clear. Foggy from 3 to 8 A.M.
	29th	.889	89.7	72.2	137.0	79.1	73.7	69.9	.75	S S W & S	...	54.8	...	...	Chiefly clear. Foggy from 3 to 8 A.M.

The mean barometer as likewise the dry and wet bulb thermometer means are derived from the twenty-four hourly observations made during the day.

The dew-point is computed with the Greenwich constants.—The figures in column 10 represent the humidity of the air, the complete saturation of which being taken at unity.—The receiver of the lower rain gauge is 1½ feet, and that of the anemometer 70 feet 10 inches above the level of the ground.—The velocity of wind, as indicated by Robinson's anemometer, is registered from noon to noon.

The extreme variation of temperature during the past eight days	...	27.7
The max. temperature during the past eight days	...	89.7
The max. temperature during the corresponding period of the past year	...	89.6
The mean humidity during the past eight days	...	0.65
The mean humidity during the corresponding period of the past year	...	0.67
		Inches.
The total fall of rain from 22nd to 29th	... { by lower rain gauge	Nil
	... { by anemometer gauge	Nil
Ditto ditto average of eighteen previous years	...	0.15
Ditto between the 1st January and the 29th February	...	3.04
Ditto ditto ditto ditto, average of eighteen previous years	...	1.28

CALCUTTA,
The 5th March 1872.

GOPEENAUTH SEN,
In charge of the Observatory.

**Abstract of the Results of the Hourly Meteorological Observations taken
at the Surveyor-General's Office, Calcutta, in the month of
January 1872.**

LATITUDE 22° 33' 1" north. Longitude 88° 20' 34" east. Height of the cistern of the
standard barometer above the sea-level, 18·11 feet.

" MONTHLY RESULTS.

	Inches.
Mean height of the barometer for the month	30·024
Max. height of the barometer occurred at 10 A.M. on the 19th	30·19*
Min. height of the barometer occurred at 4 P.M. on the 8th	29·796
Extreme range of the barometer during the month	0·402
Mean of the daily max. pressures	30·104
Ditto ditto min. ditto	29·965
Mean daily range of the barometer during the month	0·139
Mean dry bulb thermometer for the month	68·8
Max. temperature occurred at 2 P.M. on the 25th	82·3
Min. temperature occurred at 6 A.M. on the 11th	54·6
Extreme range of the temperature during the month	27·7
Mean of the daily max. temperature	77·3
Ditto ditto min. ditto	61·5
Mean daily range of the temperature during the month	16·2
Mean wet bulb thermometer for the month	63·5
Mean dry bulb thermometer above mean wet bulb thermometer	5·3
Computed mean dew-point for the month	59·3
Mean dry bulb thermometer above computed mean dew-point	9·5
Mean elastic force of vapour for the month	0·511
Mean weight of vapour for the month	5·63
Additional weight of vapour required for complete saturation	2·08
Mean degree of humidity for the month, complete saturation being unity	0·73
Mean max. solar radiation thermometer for the month	132·7
Rained one day,—max. fall of rain during 24 hours	0·92
Total amount of rain during the month	0·22
Total amount of rain indicated by the gauge* attached to the Anemometer during the month	0·19
Prevailing direction of the wind	W N W, W & N N E

* Height 70 feet 10 inches above ground.

GOPEENAUTH SEN,
In charge of the Observatory.

The 28th February 1872.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY—MAIN LINE.

Approximate Return of Traffic for week ended 17th February 1872, on 1,280 miles open.

	COACHING TRAFFIC.				MERCHANDISE AND MINERAL TRAFFIC.				Total traffic receipts.
	Number of passengers.	Coaching receipts.		Weight carried.	Receipts.				
		Rs. As. P.	£ s. d.		Mds. Srs.	Rs. As. P.		£ s. d.	
Total traffic for the week ...	102,739	1,03,054 7 4	14,946 13 2	806,165 20	4,77,618 2 3	43,781 13 3	58,728 6 5		
Or per mile of railway ...		127 6 2	11 13 7		373 2 3	34 4 1	46 17 4		
For previous 6 weeks of half-year...	581,073	9,01,567 5 4	82,643 13 5	4,428,977 10	28,04,294 4 9	257,060 6 3	339,703 19 8		
Total for 7 weeks ...	683,812	10,04,621 12 8	97,590 6 7	5,235,142 30	32,81,012 7 0	300,841 19 6	398,432 6 1		
COMPARISON.									
Total for corresponding week of previous year ...	110,371	2,14,009 7 1	19,617 10 8	815,662 30	4,54,542 15 7	41,666 8 9	61,283 19 5		
Per mile of railway corresponding week of previous year ...		167 4 2	15 6 8		355 4 0	32 11 3	47 17 11		
Total to corresponding date of previous year ...	714,809	11,01,243 7 7	100,947 6 5	4,728,207 30	28,21,406 14 2	258,634 9 3	359,581 15 8		

EAST INDIAN RAILWAY—JUBBULPORE LINE.

Approximate Return of Traffic for week ended 17th February 1872, on 223 miles open.

		Rs. As. P.	£ s. d.	Mds. Srs.	Rs. As. P.	£ s. d.	£ s. d.
Total traffic for the week	4,789	15,174 7 2	1,391 19 10	58,458 20	16,024 12 0	1,551 8 8	2,942 8 6
Or per mile of railway		68 0 9	6 4 9		75 14 4	6 19 2	13 3 11
For previous 6 weeks of half-year	30,549	86,327 5 4	7,904 3 5	465,176 10	1,31,646 15 0	32,067 12 9	10,971 16 2
Total for 7 weeks	35,348	1,01,401 12 6	9,295 3 3	523,634 30	1,48,571 11 0	13,619 1 5	22,914 4 8
COMPARISON.							
Total for corresponding week of previous year	5,036	27,210 1 3	2,494 5 2	88,866 30	29,951 15 6	2,745 11 11	5,239 17 1
Per mile of railway corresponding week of previous year		122 0 4	11 3 8		134 5 0	12 6 3	23 9 11
Total to corresponding date of previous year	35,388	1,37,030 10 5	12,561 2 10	320,634 10	95,324 4 2	8,738 1 1	21,299 3 11

EASTERN BENGAL RAILWAY.

Approximate Return of Traffic for week ended 17th February 1872, on 156½ miles open.

		Rs. As. P.	£ s. d.	Mds. Srs.	Rs. As. P.	£ s. d.	£ s. d.
Total traffic for the week	30,520	21,359 13 3	1,957 19 8	105,775 27½	19,202 10 5	1,760 4 11	3,718 4 7
Or per mile of railway	195	136 7 9	12 10 3	676 0	122 11 3	11 4 11	23 15 2
For previous 6 weeks of half-year...	186,981½	1,22,442 2 9	11,223 17 4	554,967 35½	1,28,244 7 11	12,755 14 11	22,979 12 3
Total for 7 weeks ...	217,501½	1,43,802 0 0	13,181 17 0	660,743 23	1,47,447 2 4	14,515 19 10	26,697 16 10
COMPARISON.							
Total for corresponding week of previous year	28,908	19,905 8 3	1,824 13 5	115,043 15	25,824 2 5	2,367 4 3	4,191 17 8
Per mile of railway corresponding week of previous year	185	127 3 1	11 13 2	735 0	165 0 2	15 2 6	26 15 8
Total to corresponding date of previous year	202,772	1,24,665 0 1	11,427 14 2	756,653 20	1,58,922 5 6	14,567 17 7	25,995 11 9

CALCUTTA AND SOUTH-EASTERN STATE RAILWAY.

Approximate Return of Traffic for Week ended 17th February 1872, on 28 miles open.

		Rs. As. P.	£ s. d.	Mds. Srs.	Rs. As. P.	£ s. d.	£ s. d.
Total traffic for the week	8,215	1,189 4 3	118 18 7	29,201 20	653 8 0	65 7 0	184 5 7
Or per mile of railway	293	42 7 7	4 4 11	724 28	23 5 5	2 6 8	6 11 7
For previous 19 weeks of half-year	121,077½	17,818 4 3	1,781 16 0	245,516 30	7,275 2 6	727 10 4	2,509 6 10
Total for 20 weeks ...	129,892½	19,007 8 6	1,900 15 1	265,808 10	7,928 10 6	792 17 4	2,693 12 5
COMPARISON.							
Total for corresponding week of previous year	9,231½	1,368 12 3	136 17 6	12,980 20	405 9 0	40 11 2	177 8 8
Per mile of railway corresponding week of previous year ...	330	48 14 2	4 17 9	463 24	14 7 9	1 8 12	6 10 4
Total to corresponding date of previous year	127,697½	29,738 13 3	1,973 17 8	216,266 28	7,076 5 6	707 12 9	2,681 10 5



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, MARCH 13, 1872.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE may receive the SUPPLEMENT, separately, on payment of Six Rupees per annum if delivered in Calcutta, or twelve Rupees if sent by Post.

CONTENTS.

	Page.		Page.
PROCEEDINGS of the Council of the Lieutenant-Governor of Bengal for the purpose of making Laws and Regulations, held on the 9th March 1872	203	Statement showing the amount of Traffic and Tolls on the Kendraparah Canal during the month of January 1872	217
Grand horse show for all India, to be held at Poona in September 1872	209	Statement showing the amount of Traffic and Tolls on the Taldundah Canal during the month of January 1872	218
Statement showing Rainfall, Weather, State and prospects of the Crops in the different districts of the Lower Provinces of Bengal, for the week ending 9th March 1872	210	Statement showing the amount of Traffic and Tolls on the Midnapore Section of the High Level Canal during the month of January 1872	219
Weekly Report of Rainfall compiled at the Meteorological Reporter's Office	213	Statement showing the amount of Traffic and Tolls on the Hidgellie Tidal Canal during the month of January 1872	220
Meteorological Telegraphic Report for the period 3rd 9th March 1872	215	Weekly Return of Traffic Receipts on Indian Railways	221
Results of the Meteorological Observations taken at the Surveyor-General's Office, Calcutta, from 1st to 7th March 1872	216		

Proceedings of the Council of the Lieutenant-Governor of Bengal for the purpose of making Laws and Regulations.

Saturday, the 9th March 1872.

Present:

HIS HONOR THE LIEUTENANT-GOVERNOR OF BENGAL, *presiding.*

J. GRAHAM, Esq., *Advocate-General.*

F. L. BEAUFORT, Esq.,

V. H. SCHALCH, Esq.,

H. L. DAMPIER, Esq.,

C. E. BERNARD, Esq.,

MOULVIE ABDOOL LUTEEF, KHAN BAHADOOR,

BABOO DIGUMBER MITTER,

B. D. COLVIN, Esq.,

T. M. ROBINSON, Esq.,

F. F. WYMAN, Esq.,

and

RAJAH JOTEENDRO MOHUN TAGORE, BAHADOOR.

MR. BEAUFORT took the oath of allegiance and the oath that he would faithfully fulfil the duties of his office.

EMBANKMENTS AND WATER-COURSES.

MR. BERNARD moved that the Bill to amend the law relating to embankments and water-courses be again referred to a select committee with instructions to report in one month. He reminded the Council that this Bill, which affected very closely the welfare of the inhabitants of large tracts in Lower Bengal,

had been introduced into the Council so far back as December 1870. When first introduced its object was to enable persons charged with the maintenance of embankments to act more promptly in cases of emergency, to provide for improving drainage channels connected with embankments, and also to arrange for a more just and fair apportionment of the cost of such undertakings. At the first reading of the Bill on the 7th of January 1871, the hon'ble member then in charge (Mr. Schaleh) explained its scope, and an hon'ble member opposite (Baboo Degumber Mitter) expressed his approval of its principle and his concurrence in the arguments of the hon'ble mover. The Bill was for several months under the consideration of a select committee, who obtained opinions thereon from different parts of Bengal; finally, the select committee submitted their report in August last, and that report had been presented to the Council. One notable change which that committee introduced, was that the whole cost of existing works to be brought under the Bill should be paid for by the parties whose lands might be protected or benefited, though it was provided at the same time that, if Government received any extra revenue or payments for keeping up any embankments, such revenue should be remitted. The committee made certain other changes to which Mr. Bernard did not refer in detail. The committee's report on the amended Bill was republished during the recess, and before the opening of the present session of the Council more than one representation had been received regarding the Bill. One specially valuable representation was received from the British Indian Association to the effect that in some parts of the country Government had, according to ancient customs or under special agreements, maintained embankments at the public expense; and that there would be much hardship in now throwing these charges on the zemindars. With reference to this and to other representations, the Hon'ble President on the first day of this session, when reviewing the business to be laid before the Council, had explained to the Council the policy of Government in the matter, and the hon'ble member on the right (Mr. Schaleh) in charge of the Bill had also stated what would be done to carry out that policy. The remarks to which he (Mr. Bernard) alluded had been so recently made that he would not trouble the Council by reading them on that occasion: they would be found in the Proceedings of the Council for the 5th December last. Their purport was that Government in no way desired to throw upon persons protected the cost of any works which Government itself was bound to maintain, and an assurance was given that the Member in charge of the Bill would "look into the subject and see what embankments Government was in justice bound to maintain, or what embankments Government had been obliged to take up owing to those who were properly liable not fulfilling their liabilities." The charge of the Bill had been made over to Mr. Bernard, who after making himself, as far as possible, acquainted with embankment affairs with the approval or rather at the instance of the hon'ble member (Mr. Schaleh) on his right, proposed that the Bill should again be referred to a select committee. He found that, besides the main point regarding the liability for the cost of embankment works, there were certain other references on points of detail which needed calm discussion and careful settlement. At the same time the Council might perhaps desire to know the result of enquiries made into the history of different embankments, and the view taken of the liabilities of Government. So far as the official literature of the subject went, it seemed that the expenditure of Government on embankments for the protection of cultivated lands in Lower Bengal had increased enormously of late years. Government now spent on embankments more than double what it spent twelve years ago, and it did not do any thing like all that the circumstances required. This gradual, but great increase was due mainly to the general rise in the price of labor and produce, and it was partly due to the increased wants which arose everywhere as knowledge increased. For the current year 1871-72 Government was spending on embankment works and repairs (exclusive of embankments, costing Rs. 53,000 a year, and paid for by zemindars) nearly 4½ lacs of rupees. This expenditure was over and above the outlay on the great Orissa embankments. The present Bill did not concern them. The total length of the Government embankments was about 1,800 miles; while the length of the embankments maintained by

Government, but paid for by zemindars, was 430 miles. All the embankments, in Behar were paid for by the zemindars according to customs or according to special agreements which varied in different districts. It was now proposed to give the force of law to these customs and agreements, but at the same time to permit recourse to the new law in case of new works. In Moorshedabad the engagements of the zemindars given at the Decennial Settlement bound them to maintain embankments on their estates, but on some estates Government at present maintained the embankments, while on others the zemindars did the work. There was much loss to every body from the want of system and organization in the management of the Moorshedabad embankments, and it was proposed that the Bill, as it now stood, should apply to this district. In the 24-Pergunnahs the charge of, and responsibility for, embankments was at the end of the last century, and at the beginning of this, handed about from one Government officer to another; from the zemindars to Government, and back again from Government to the zemindars. There was no agreement at the Decennial Settlement as to whether Government or the zemindars should undertake these particular embankments. For some four or five years, early in the present century, nobody did the work at all; and the district suffered immensely in consequence. Finally in 1838, the embankments were again undertaken by Government on a report from the Revenue Board "that Government are bound either to keep up the 24-Pergunnahs' embankments in full repair, or failing that, to pay over to the zemindars annually a sum of Rs. 16,786." During the current year Government was spending on the embankments of the 24-Pergunnahs Rs. 93,000, and it was thought that the provisions of this Bill might properly be applied to the 24-Pergunnahs, and the sum of Rs. 16,800 remitted under section 42.

In the Midnapore district the case was very different. In the interior of the district the yearly cost of embankments on the Cossye was paid by the zemindars according to special agreements made with Government. The embankments near the mouths of rivers in Hidgellee and Tumlook and the great sea-dyke of Hidgellee, were maintained by Government; but all the cultivated lands of these tracts, much of which was temporarily settled, paid according to agreements made last century, and subsequently repeated, an embankment cess of $1\frac{1}{2}$ anna per beegah. The Government in 1838 accepted its full liability for the maintenance of the embankments and larger drainage channels in Hidgellee and Tumlook, and it was now proposed that in the Midnapore district the existing arrangements should be upheld; that the custom of the Cossye embankments be respected, and that the Bill should operate in Midnapore only in respect of small drainage channels or other works which might hereafter be undertaken. On the estates which belonged to, or were offshoots of the great Burdwan zemindaree, the Government now kept up all embankments; and on these works it was spending during the present year about Rs. 87,000. The Maharajah of Burdwan paid, directly or indirectly, Rs. 60,000 a year for the work thus done. The arrangement under which Government began to repair these embankments, dated from 1809 or thereabouts, when the then Maharajah failed to maintain his embankments properly. It was now proposed that Government should continue to maintain these embankments even though their maintenance might at times cost something more than the annual payment. But it was considered that the parties interested might very reasonably be called upon under the Bill to pay for new masonry sluices, drainage channels, and other improvements of a kind not contemplated when Government took over the Burdwan embankments in 1809 and 1826. Mr. Bernard was glad to be able to mention that the account which he had given, and the proposals which he had sketched, had been considered, and in general terms approved by the Hon'ble Member (Mr. Scholch) before they were submitted to the Council, for he was sure that the Council would give more weight to the hon'ble member's opinion than could be accorded to his (Mr. Bernard's) own.

Before he left the subject of embankments, he would only say one word on the general question which had been warmly discussed, on and off, during the last fifty years in Bengal, whether river embankments did any good or not. Skilful Engineers, experienced collectors, and others, had given very discordant opinions.

on this point; but Mr. Bernard believed, he might say, that there was no doubt whatever about the absolute necessity for embankments on the sea-face of Midnapore or on tidal rivers. The reports of 1835 and 1837, sent in by the officers of the 24-Pergunnahs, gave a most melancholy picture of what had happened in the 24-Pergunnahs during the years when embankments were left to themselves. The zemindars were ruined, ryots emigrated, Government revenue was perpetually in arrears, estates paying one lac of rupees had to be bought in by Government, and estates which had fetched 2½ lacs three years before, were sold by auction for Rs. 38,000. All or much of this deterioration was put down to the neglect of embankments. The immense good which had been done by the great sea-dyke at Hidgelee was well known. The only new embankments which were recently proposed, on any large scale, were those in Orissa and those on the Gunduck in Chumparun. Regarding the absolute need for embankments in Orissa, there seemed never to have been two opinions, though there had been much discussion as to the cheapest and best way of giving the required protection. There was much to be said in favor of letting a broad and silt-laden river like the Ganges fertilize the country; moreover it would be an enormous undertaking to embank this great river all through Bengal; but the best opinions in Behar were in favor of embanking the Gunduck. Mr. Thomas Gibbon, the agent of the Bettiah estate, to whose opinion on matters of zemindaree management most natives and every European in Behar would defer, had stated his conviction that the Bettiah estates would gain much in value if the Gunduck were properly embanked, and he held that great embankments of this kind could be successfully managed by Government and by Government only. If the present Bill should become law, it would, Mr. Bernard believed, contain ample safeguards against Government officers undertaking unnecessary works of embankment or drainage. There was one other matter which would be laid before the select committee, and that was a proposal to incorporate with this Bill provisions enabling the majority of persons interested to undertake at the expense of the lands affected (and, if necessary, carry out for themselves) improvements in the local drainage. The Hon'ble President in his opening address this session dwelt on the necessity of some such legislation; the hon'ble member opposite (Baboo Digumber Mitter) had on more than one occasion, and notably in the debate of the 7th January 1871, urged the need of such local drainage improvements. The Bill, as it now stood, provided for drainage improvements in connection with embankments; but there was, it was feared, often very great need for, and very great difficulty in effecting these drainage improvements. The epidemic fever committee, of which the hon'ble gentleman opposite was a member, the skilled engineers and medical officers who were now examining into the phenomena of the Burdwan fever epidemic, all were agreed that in many places the local drainage required much improvement, and that the want of such drainage might be, and probably was, one of the causes of the epidemic. With the permission of the Council, there would be submitted to the select committee proposals for enabling the people to effect, or to have effected, improvements of this kind. Mr. Bernard had explained the manner in which it was proposed to redeem the pledge given by the President in regard to the Embankment Bill, but at the same time he was quite aware that it was within the discretion of the Committee to adopt these views or to modify them, and it would eventually be for the Council to consider how far they could be finally accepted. He would now move that the Bill to amend the law relating to embankments and water-courses be again referred to a select committee with instructions to report in one month. The old committee consisted of Messrs Schaleh, Thompson, and Robinson, Raja Joteendro Mohun Tagore and himself. He now proposed that the committee should consist of—

Mr. Beaufort, Mr. Schaleh, Mr. Dampier, Baboo Degumber Mitter, Rajah Joteendro Mohun Tagore, and himself.

He was glad to be able to add that Mr. Schaleh, whose knowledge of such matters was so well known to the Council, had kindly agreed to take charge of the Bill again, and conduct it through the select committee.

HIS HONOR THE PRESIDENT said that he had only a few words to say before putting the motion to the Council. The subject was one which hon'ble members were aware, was of very great difficulty and very great complication, and had up to the present time given him very great anxiety. He was quite sure that he felt, and he believed the members of the Council and the people of Bengal would feel, very greatly indebted to the hon'ble member in charge of the Bill (Mr. Bernard) for the thorough sifting of the historical questions which he had undertaken so successfully, and the thorough way in which he had carried out that sifting. As they would see when the result of his investigations was laid before the Council they would find that the facts had been stated as clearly as it was possible to state them. His Honor trusted that the exposition of the principles upon which the Government was disposed to act, which had been so completely and clearly stated by the hon'ble members, would, upon examination, be found acceptable to the Committee and the Council. The hon'ble member had stated that which was the root of our present proposals, namely, that the Government proposed fully to accept the obligations which attached to it at the time of the permanent settlement; and he had also said that we proposed that any duties which had been since undertaken by the Government should be examined in each particular case upon its own merits, that was to say where the Government had made a deliberate and binding bargain, we did not propose to recede from that bargain, but adhere to it. On the other hand, where the Government had under stress of circumstances undertaken certain duties, because no one else would perform them—where the Government had merely intervened as the Father of the country in order to protect it from disasters owing to the failure of the obligations of others, the Government was not irrevocably bound by its action for all time. We should deal with each case upon its own merits, and consider whether the Government was bound by real obligations, or whether the case should be brought under the general provisions of the Bill.

Another feature of importance to which the hon'ble member had alluded was this, namely, that the obligations which were undertaken by the Government or by private parties were of this nature that they should maintain bunds, embankments, and works of a certain character. Modern science had progressed very much, sanitary science had progressed a little; works of a character unknown in those days,—works which were described as sluices, drainage channels, and irrigation channels, might be with advantage, added to the embankments. We thought that the Council would accept it as equitable that where works of a totally new character were added to the old works, the new works should be the subject of separate and distinct provisions. His Honor did not suppose that the members of this Council or of the Committee would pledge themselves by their silence, to the propositions that were now put forward; but he trusted they would think that so far as a one-sided statement of the general principles enunciated went, they were not inequitable, and that the Council would be prepared to give them a favorable consideration.

The motion was agreed to.

CHARITABLE ENDOWMENTS.

MR. BERNARD moved that the Bill to provide for the due appropriation of certain educational and charitable endowments be read in Council. In doing so, he said that when he had the honor to ask for leave to bring in this Bill he explained the object it was intended to meet, and he would not trouble the Council in that respect again. He would now only remark briefly upon the provisions of the Bill. Section 1 provided for investing endowments of the kind mentioned in the Bill in trustees appointed by the Government, and the section provided most carefully that endowments for which trustees had been appointed, or for which trustees should exist, should not come under the provisions of the Act. It did not provide that trustees appointed thereunder should in any way interfere with existing endowments which were properly maintained. Section 2 provided that for every district in which any endowments having no trustees existed, the Lieutenant-Governor should nominate trustees in whom such endowments should vest, and that the chief executive officer of the district

should be one of the trustees, so that the Government, who were interested in the good order of such endowments, should be properly represented amongst the trustees. At the end of the section it was provided that the trustees appointed under the Act should exercise the same powers as were conferred upon the trustees under the instrument of endowment, and where there was no instrument of endowment, that they should be subject to the orders of the Lieutenant-Governor. The Bill did not empower the trustees to devote the money provided for a charitable or educational purpose to any other purpose than that for which the money was left. Section 3 merely empowered the trustees to appropriate the income of the endowment to the objects of the donor. It also provided that the trustees, with the permission of the Lieutenant-Governor, might appropriate part of the capital sum of the endowment for any special object connected with the purposes of the endowment. Some such provision had been found necessary in the case of religious endowments, and the law relating to those endowments allowed the trustees in certain cases in this way to expend the capital sum when necessary in furtherance of the objects of the endowments; such for instance was the repair of buildings which were falling down, or the erection of new buildings, or in any way adding to the value of the property. The remaining sections provided that any body interested in an endowment might sue the managers or trustees if they neglected their duty. This was a very similar provision to a clause in Act XX of 1863 which enabled any body interested in a religious endowment to sue the trustees or managers in a court if they abused their trust. At the same time an indemnity was given to the trustees appointed under the Act, to the effect that they should not be liable to damages if they had acted *bonâ fide* for the benefit of the endowment.

The motion was agreed to, and the Bill was referred to a select committee, consisting of Moulvie Abdool Luteef, Baboo Digumber Mitter, Mr. Colvin, and the mover, with instructions to report in one month.

CALCUTTA PORT IMPROVEMENT.

ON the motion of MR. BERNARD the Council proceeded to the consideration of the report of the select committee on the Bill to amend the Calcutta Port Improvement Act, being Act V of 1870 passed by the Lieutenant-Governor of Bengal in Council, in order to the settlement of the clauses of the Bill in the form recommended by the select committee.

Sections 1 and 2 were agreed to.

In section 3, on the motion of Mr. Schalch, the words "with or without cargo" were inserted after the word "vessel" in line 1; the word "Commissioners" was substituted for the word "Conservator" in lines 3, 11 and 15; and the words "and whose decision shall be final" were added to the section.

In section 4, on the motion of Mr. Schalch, the words "within one month from the date of recovery" in line 5 were omitted, and the words "may be detained by the Commissioners at the risk and expense of all parties interested therein" were inserted after the word "nature" in line 9.

In section 5, on the motion of Mr. Colvin, the words "from such time as the Lieutenant-Governor of Bengal shall notify in the *Calcutta Gazette* and" were inserted after the figures 1855; and the word "thereafter" was substituted for the word "hereafter" in line 6.

Sections 6 and 7, and the preamble and title, were agreed to.

HIS HONOR THE PRESIDENT said that he observed in the list of business a notice of motion that the Bill should be passed. He might remark that under the rules for the conduct of business a Bill could not be passed on the same day when it was settled in Council, if any amendments had been introduced in it. He thought, therefore, that the proper course would be to postpone the passing of the Bill till the next meeting of the Council.

MR. SCHALCH said that he would ask the President to suspend the rules in order that the Bill might be passed; as the amendments that had been made were not of such a nature as to render it necessary that the passing of the Bill should be postponed. It would perhaps be remembered that the Bill had been introduced as an urgent one, and as it had been before the public for some time, he did not see the necessity of further delay.

THE PRESIDENT said that he would like to take the sense of the Council before deciding upon this matter.

MR. DAMPIER said that the only reason that had been given for the suspension of the rules was that the Bill had been for some time before the Council and the public: he did not think that that was a sufficient reason for suspending the rules of the Council. There had been a good deal said of late about suspending the rules unnecessarily, both in this Council and elsewhere, and he thought it undesirable that such a course should be adopted without a full explanation of the reasons which made such a course desirable, which perhaps his hon'ble friend would give.

MR. WYMAN said he thought that the suspension of the rules should only take place under some real necessity, and that it was a dangerous practice to discard the safeguard provided by the rules of the Council; and as the hon'ble member who applied for the suspension of the rules had not shown sufficient reason to do so, he was certainly opposed to that course being followed.

HIS HONOR THE PRESIDENT said that as there did not seem to be unanimity of opinion as to the propriety of suspending the rules, he thought that the Bill as settled by the Council should be published in the ordinary way, and might be considered and passed at the next meeting of the Council.

The Council was adjourned to Saturday, the 16th instant.

Grand horse show for all India, to be held at Poona in September 1872.

Prospectus of a grand horse show for all India, to be held at Poona in September 1872, immediately after the Poona Races.

Patron.

HIS EXCELLENCY SIR W. R. S. V. FITZGERALD, K.C.S.I., Governor of Bombay.

Vice-Patrons.

HIS EXCELLENCY SIR A. A. SPENCER, K.C.B., Commander-in-Chief.

(Note.) Other names to be added hereafter.

Stewards.

THE HON'BLE S. MANSFIELD.
MAJOR-GENERAL GRANT, C.B.
W. H. HAVELOCK, Esq.
L. ASHBURNER, Esq.
COLONEL MACDONALD.
A. E. D. GREY, Esq.
A. A. BORRADAILE, Esq.
COLONEL WESTROPP.
MAJOR PROBYN.
J. H. B. HALLEN, Esq.

Local Committee.

COLONEL GELL.
" GAYE.
" AITCHESON.
" HOLLAND.
" HENDERSON.
W. LAMB, Esq.
J. E. OLIPHANT, Esq., } Joint-Secretaries.
MAJOR WARDROP, }

(Note) Other names to be added hereafter.

Judges

To be appointed by the Stewards from among themselves or otherwise, so as to represent as far as possible all parts of India, or say two from each Presidency.

Subscriptions

To be paid to the undersigned, or to the New Bank of Bombay Limited, Bombay, or Branch Bank at Poona by 1st July 1872.

Site.

With the permission of the military authorities, the old Artillery Horse Lines, Wanoree, where temporary sheds or tent stables will be provided for the horses. Also a good ride with jumps and a drive.

Entrance Fees.

For those requiring accommodation,
Per Horse Rs. 15.
" Galloway " 10.
" Pony.

For those not requiring shelter.

Rs. 8, 5, and 3 respectively.

Expenditure and Funds.

Prizes to the amount of Rs. 11,500 are proposed, and other expenses may amount to Rs. 5,000.

To meet this expenditure, it is estimated that the income from entrance fees and sale of tickets will amount to Rs. 5,000. Government will be asked to contribute Rs. 5,000, and Local Funds Rs. 1,000. It is confidently hoped that the subscriptions of Patrons, Stewards, and others will exceed the balance required.

Prizes.

N.B.—No second prize will be given in any class unless four horses are exhibited therein, nor any third prize unless six are shown, except in either case, if strongly recommended by the Judges, and the Judges may withhold all, or any prize, if they consider the horses shown are undeserving.

CLASS.	PRIZES.		
	1st.	2nd.	3rd.
1. English thorough-breds suitable as stallions ...	250	150	50
2. English mares suitable for breeding ...	150	100	50
3. Australian thorough-breds suitable as stallions ...	250	150	50
4. Australian mares suitable to breed from ...	150	100	50
5. Arabs suitable as stallions ...	250	150	50
6. Arab mares suitable for breeding from ...	250	150	
7. Arab Galloway or pony stallion ...	150	100	50
8. Country or stud-bred horses fit for stallions ...	150	100	50
9. Country and stud-bred mares over 14-1 ...	150	100	50
10. Ditto ditto under 14 ...	100	70	40
11. Country and stud-bred gal-loway and pony stallions ...	75	50	25
12. Ditto ditto mares ...	75	50	25
13. Yearling foals any breed ...	75	50	25
14. Ditto fillies ditto ...	75	50	25
15. Two year old colts ...	100	70	40
16. Ditto fillies ditto ...	100	70	40
17. Three year do. colts do. ...	125	90	50
18. Ditto fillies ditto ...	125	90	50
19. Four year do. colts do. ...	150	100	50
20. Ditto fillies ditto ...	150	100	50

The produce of any Government stallion.

These may compete in classes 13 to 20.	21. Yearling foals any breed ...	75	50	25
	22. Yearling fillies any breed ...	75	50	25
	23. Two year old colts ...	100	70	40
	24. Ditto fillies ...	100	70	40
	25. Three year old colts ...	125	90	50
	26. Ditto fillies ...	125	90	50
	27. Four ditto colts ...	150	100	50
	28. Ditto fillies ...	150	100	50
	29. Two year old gelding country-bred ...	100	70	40
	30. Three ditto ditto ...	125	90	50
	31. Four ditto ditto ...	150	100	50
	32. Five ditto ditto ...	160	110	60
	33. Chargers any breed or sex ...	150	100	50
	34. Hunters, Pig stickers ...	150	100	50
	35. Hacks or Roadsters ...	150	100	50
	36. Pairs of carriage horses any breed or sex ...	250	150	75
	37. Brougham horse ...	100	70	40
	38. Buggy or dog cart ...	100	70	40
	39. Tonga ponies, pairs ...	80	60	40
	40. State horses used by Native Chiefs ...	100	70	40
	41. The best horses of any class, breed or sex ...	500		

(Sd.) J. E. OLIPHANT, Collector, Honorary Secy.

N. B.—It is proposed to ask the Railway Companies to carry horses coming to the show at reduced rates.

Rainfall, Weather and State and Prospects of the Crops.

Statement showing Rainfall, Weather and State and Prospects of the Crops in the different Districts of the Lower Provinces of Bengal, as reported to Government during the week ending 9th March 1872.

No	District.	Date of return from each district.	Rainfall at Sadler Station in inches.	Character of the weather in the district as far as known.	State and prospects of the crops at date.	REMARKS.
		1872.				
1	Bhaugulpore	Mar. 9th	0	Fair	Good.	
2	Monghyr	" 9th	0	Fair and good	Satisfactory.	
3	Purneah	" 9th	0	Seasonable ; it rained one day at some places.	The winter crops reaped ; the spring crops promising.	
4	Rajmehal	" 9th	0	Nights cool, but days are hot and sultry.	Hardly any crop on the ground.	Cholera has shown itself in several places in the district.
5	Deoghur	" 9th	0	Good	Satisfactory.	
6	Nya Doomka	" 9th	0.06	Getting hot	Nothing on the ground ; a good area of land has been ploughed.	
7	Godda	" 9th	0	Favorable	Nearly everything gathered in.	Cattle suffering much from disease.
8	Pakour	" 9th	0	Fine	Nothing to report.	
9	Jamtarra	" 2nd	0	Fine	Winter crops excellent ; though pulses suffered from rain and fog, yet all the crops together were benefited rather than injured by the rain.	
10	Patna	" 9th	0	Fine	Spring crops favorably progressing.	
11	Gya	" 9th	0	Dry	Spring crops growing well and a rich outturn promised ; poppy and some other crops in Ramgeer has suffered a little from hail-storms.	
12	Chumparun	" 9th	0	Fair ; dry west winds.		

No.	District.	Date of return from each district.	Rainfall at Sudder Station in inches.	Character of the weather in the district as far as known.	State and prospects of the crops at date.	REMARKS.
		1872.				
13	Sarun	Mar. 9th	0	Fine	Continue good throughout.	
14	Shahabad	" 9th	Slight	Fair	Spring crops promise well; the rain was too slight to be any way injurious.	
15	Tirhoot	" 9th	0	Fair	Spring crops doing well.	
16	Rajshahye	" 7th	0.06	Thunder storm and rain on the 1st and cool afterwards.	Spring crops daily improving; mustard, linseed, and the pulses harvested.	
17	Bograh	" 8th	0	Mornings and evenings cool, and days warm.	Satisfactory.	
18	Dinagapore	" 9th	0	Very variable, days more or less cloudy.	Little of winter crop in the district; want of much rain in October has made the mustard crop rather scanty; the price has risen from Rs. 4 to 7 a maund.	
19	Maldah	" 8th	0	Fair	Good.	
20	Moorsshedabad	" 9th	0.14	Growing hot by degrees.	Good; the rain has done injury to a certain extent to gram and wheat.	
21	Pubna	" 9th	0.08	Fine and seasonable.	Good.	
22	Rungpore	" 9th	0	Warm	Sowing and cleaning.	
23	Burdwan	" 9th	0	Fair and dry; getting hot.	Spring crops growing well; sugarcane being cut.	
24	Bancoorah	" 8th	0	Getting hot	Spring crops progressing well; sugarcane is nearly reaped.	
25	Beerbhoom	" 9th	0	Overcast, then clear and fine.	Outturn not over 12 annas, and in some places less.	
26	Hooghly	" 9th	0	Clear and then cloudy.	The winter crop good.	
27	Howrah.	" 8th	0	Growing hot	Winter crops fair.	
28	Midnapore	" 8th	0	Hot, fine, and dry.	Fair.	
29	Nuddea	" 9th	0	with north-west wind.		
30	Jessore	" 8th	0.19	Fine and clear, but foggy at times in the morning; at about 2.40 P.M. on Friday, the 8th, there was a strong gale of wind with thunder and lightning, and rain and hail.	Good.	
31	24-Pergunnahs	" 9th	0	Fair and hot	Spring crops good; other crops mostly gathered.	
32	Dacca	" 9th	0.5	Partly fair and partly cloudy; the rain fell on Friday the 8th.	Good; the rain in the end of this week will do much good.	
33	Backergunge	" 8th	0.86	Warm	The rice crops have all been reaped.	
34	Furreedpore	" 9th	0	Still cool and pleasant.	Good.	
35	Mymensingh.	" 2nd	0.46	Warm weather setting in; still cool and pleasant.	Partial failure of the mustard crop towards the south of the district; borodhan (a kind of paddy) is nearly all planted.	
36	Sylhet	" 2nd	0.46	Warm weather setting in; still cool and pleasant.	Partial failure of the mustard crop towards the south of the district; borodhan (a kind of paddy) is nearly all planted.	
37	Cachar	" 2nd	0.95	Fair	Nothing to report.	
38	Chittagong	" 2nd	0	Fine and generally warm.	Nothing special to note; generally favorable.	
39	Noakhally or Bulloeah	" 1st	0	Fair	Good.	
40	Tippurah	" 1st	0	Warm	Generally satisfactory.	

No.	District.	Date of return from each district.	Rainfall at rudder station in inches.	Character of the weather in the district as far as known.	State and prospects of the crops at date.	REMARKS.
		1872.				
41	Hill Tracts of Chittagong.	Mar. 2nd	0	Foggy and then sunny.	Good.	
42	Cuttack	" 9th	0	Hot	Good.	
43	Balasore	" 9th	0	Very sultry	Spring crops have been cut.	
44	Poorce	" 1st	0	Heavy clouds on the 29th Feb.	The winter crops are inconsiderable in the district, but they are satisfactory in quality. " Scarcity in Ganjam is telling on exports here, but nevertheless rice is cheap. The condition of the bulk of the district continues good. As for the Chilka isthmus, the people of Sathpara are finding employment at preparations for salt manufacture. Not so in Malud and Parikud. There more relief works are becoming necessary, and some people are eating grass and roots."	
45	Hazareebaugh	" 9th	0.07	Favorable	Fair.	
46	Lohardugga	" 8th	0.04	Fine and seasonable.	Satisfactory.	
47	Maunbhoom	" 9th	0	Stormy	The crops are off the ground now; sugarcane has been good; gram, wheat, and barley, a fair crop.	
48	Singbhoem	" 1st	0	Seasonable	Favorable.	
49	Durrung	" 2nd	0	Stormy	Sugarcane is being cut.	
50	Nowgong	" 1st	0	Hot days and cold nights, with heavy atmosphere.	Good.	
51	Seesaugor	" 1st	0.82	Cool, pleasant, and healthy.	Satisfactory.	
52	Kamroop	" 2nd	0.12	Cold	Favorable.	
53	Luckimpore	" 2nd	0.19	Fair, but there was high wind, thunder, and lightning on Friday night.	Satisfactory.	
54	Khasi and Jynteah Hills.	" 1st	0	Fair	No crops on the ground	
55	Naga Hills	Feb. 23rd	0	Fine, cold, and seasonable on the hills; damp and chilly on the plains.	Jhums being prepared still.	
56	Julpigoree	Mar. 9th	0	Nights and mornings cold and days hot, with high winds.	No crops on the ground.	
57	Gowalparah	" 2nd	0	Cool and pleasant.	Spring crops reaped; land being prepared for paddy.	
58	Garo Hills	" 2nd	0	Fair	No crops on the ground.	
59	Darjeeling	" 9th	0	Fair throughout.	Crops reaped on the hills; on the plains they are promising.	
60	Cooch Behar	" 2nd	0	Fine	Good.	

N. B.—The columns of the districts from which returns have not been received remain blank.

Published for general information.

FORT WILLIAM,
The 12th March 1872.

R. H. WILSON,
Offg. Under-Secy. to the Govt. of Bengal

Weekly Report of Rainfall compiled at the Meteorological Reporter's Office.

DIVISION.	STATIONS.	Rain from 1st Feb. to 25th Feb. 1872.	Rain from 26th Feb. to 3rd March 1872.	RAIN FROM 1st JANUARY 1872.		REMARKS.
				Inches.	Up to date.	
CUTTACK.	Cuttack { Telegraph Office ...	Inches. Nil	Inches. Nil	0.40	3rd Mar. 1872.	
	Cuttack { Jail ...	0.14	ditto	0.63	ditto.	
	False Point ...	0.40	ditto	0.70	ditto.	
	Jajipore ...	0.37	ditto	0.77	ditto.	
	Kendraparah ...	0.60	ditto	0.70	ditto.	
	Jugutsaigpore ...	1.00	ditto	1.30	ditto.	
	Sumbulpore ...	Not received	Not received	Nil	7th Jan. 1872.	
	Balsore ...	Nil	Nil	2.70	3rd Mar. 1872.	
	Bhuddruck ...	0.62	ditto	0.89	ditto.	
	Poorce ...	0.07	ditto	0.15	ditto.	
CROTA NAGPORE.	Khoordah ...	Not received	Not received	Nil	7th Jan. 1872.	
	Hazareebangh { Jail ...	Nil	0.06	1.25	3rd Mar. 1872.	
	Hazareebangh { Dispensary ...	ditto	0.07	1.25	ditto.	
	Burhee ...	Not received	Not received	1.50	11th Feb. 1872.	Not received 22nd to 28th Jan.
	Puchumba ...	ditto	ditto	0.40	4th Feb. 1872.	
	Ranchoe ...	Nil	0.10	1.56	3rd Mar. 1872.	
	Palanow ...	ditto	Not received	0.90	25th Feb. 1872.	
	Parulia ...	ditto	Nil	1.08	3rd Mar. 1872.	
	Gobindpore ...	ditto	ditto	1.35	ditto.	
	Chyebassa ...	0.09	0.17	0.42	ditto.	
PATNA.	Patna (Bankipore) ...	Nil	0.02	2.89	ditto.	
	Dinapore { Jail ...	ditto	Nil	2.75	ditto.	
	Dinapore { Cantonment ...	ditto	ditto	3.32	ditto.	
	Behar ...	ditto	ditto	2.06	ditto.	Not received 8th to 14th Jan.
	Barh ...	ditto	Not received	2.10	25th Feb. 1872.	
	Gya ...	Not received	ditto	2.24	11th Feb. 1872.	
	Sherghotty ...	Nil	Nil	1.20	3rd Mar. 1872.	
	Nowadah ...	ditto	ditto	1.51	ditto.	
	Arungabad ...	ditto	ditto	3.56	ditto.	
	Chumparun ...	Not received	Not received	0.61	18th Feb. 1872.	Not received 1st to 7th and 16th to 21st Jan., & 29th Jan. to 4th Feb.
BRAHMAPUTRA.	Bettiah ...	Nil	ditto	1.20	25th Feb. 1872.	Not received 22nd to 28th Jan.
	Chuprah ...	ditto	Nil	2.50	3rd Mar. 1872.	
	Sewan ...	ditto	Not received	1.21	25th Feb. 1872.	Not received 8th to 14th Jan.
	Mozufferpore ...	ditto	Nil	2.30	3rd Mar. 1872.	
	Durbiangah ...	ditto	ditto	1.12	ditto.	
	Seetamarree ...	ditto	Not received	1.25	25th Feb. 1872.	
	Tajpore ...	ditto	Nil	3.52	3rd Mar. 1872.	
	Mudhubari ...	Not received	Not received	2.02	18th Feb. 1872.	
	Hajipore ...	Nil	0.04	3.13	3rd Mar. 1872.	
	Arrah ...	ditto	0.10	2.67	ditto.	
RAJSHY.	Buxar ...	ditto	Nil	2.88	ditto.	
	Sasseram ...	ditto	ditto	1.86	ditto.	
	Bhuboah ...	ditto	Not received	2.23	25th Feb. 1872.	
	Benares ...	ditto	ditto	1.95	ditto.	
	Bhangulpore ...	ditto	Nil	0.48	3rd Mar. 1872.	
	Mudheypoorah ...	ditto	Not received	1.00	25th Feb. 1872.	
	Banka ...	ditto	Nil	1.86	3rd Mar. 1872.	
	Sopool ...	ditto	ditto	0.99	ditto.	
	Monghyr ...	ditto	ditto	2.08	ditto.	
	Jamsoie ...	ditto	ditto	1.57	ditto.	Not recorded 29th Jan to 3rd Feb.
BARDWAN.	Begoserai ...	Not received	ditto	8.05	ditto.	Not received 19th to 26th Feb.
	Deoghur ...	Nil	ditto	2.94	ditto.	
	Jamtara ...	ditto	ditto	1.50	ditto.	
	Rajmehal ...	ditto	ditto	1.10	ditto.	
	Pakour ...	Not received	Not received	Nil	14th Jan. 1872.	
	Nya-Doomka ...	Nil	Nil	1.90	3rd Mar. 1872.	
	Purneah ...	ditto	ditto	1.84	ditto.	
	Kishengunge ...	ditto	Not received	1.42	25th Feb. 1872.	
	Arrareah ...	Not received	ditto	Nil	18th Feb. 1872.	Not recorded 22nd to 28th Jan.
	Rainpore Beaulah ...	Nil	0.06	2.43	3rd Mar. 1872.	
BARDWAN.	Nattore ...	ditto	Not received	2.40	25th Feb. 1872.	
	Bograh ...	ditto	Nil	1.12	3rd Mar. 1872.	
	Dinapore ...	ditto	0.05	1.82	ditto.	Not received 12th to 18th Feb.
	Maldah ...	ditto	0.02	1.45	ditto.	
	Berhampore ...	ditto	Nil	2.85	ditto.	
	Jungipore ...	ditto	0.01	3.14	ditto.	
	Laulbaugh ...	ditto	0.04	2.78	ditto.	
	Jamsookandi ...	ditto	Nil	1.34	ditto.	
	Pubna ...	ditto	0.07	2.15	ditto.	
	Serajgunge ...	ditto	0.10	2.35	ditto.	
BARDWAN.	Bangpore ...	ditto	0.21	0.41	ditto.	Not received 5th to 11th Feb.
	Bhowanigunge ...	ditto	Not received	Nil	25th Feb. 1872.	
	Titalya ...	ditto	Nil	1.38	3rd Mar. 1872.	
	Bardwan ...	ditto	ditto	0.60	ditto.	
	Cutwa ...	ditto	Not received	1.80	25th Feb. 1872.	
	Culina ...	ditto	ditto	0.05	ditto.	Not received 5th to 11th Jan.
	Bood-Bood ...	ditto	Nil	1.10	3rd Mar. 1872.	Not received 22nd to 28th Jan.
	Bancoorah ...	ditto	ditto	0.96	ditto.	
	Rausegunge ...	ditto	ditto	1.39	ditto.	
	Sopree ...	ditto	ditto	2.65	ditto.	
BARDWAN.	Hoochly ...	0.20	ditto	4.20	ditto.	
	Serampore ...	0.04	ditto	2.72	ditto.	
	Jehanabad ...	0.03	Not received	2.70	25th Feb. 1872.	
	Bowrah ...	0.98	Nil	2.28	3rd Mar. 1872.	
	Midnapore ...	Nil	ditto	0.12	ditto.	
	Coutai { Dy. Collr.'s Office ...	ditto	Not received	1.35	25th Feb. 1872.	
	Coutai { Esq. Engr.'s Office ...	ditto	Nil	1.50	3rd Mar. 1872.	
	Gurhatta ...	ditto	Not received	1.54	25th Feb. 1872.	
	Tamluk ...	0.20	ditto	2.53	ditto.	Not received 5th to 11th Jan., and 29th Jan. to 4th Feb.

DIVISION.	STATIONS.	Rain from 19th Feb. to 25th Feb. 1872.	Rain from 26th Feb. to 3rd March, 1872.	RAIN FROM 1ST JANUARY 1872.		REMARKS.
				Inches.	Up to date.	
PRESIDENCY.	Krishnagpur ...	Not received	Not received	1.83	18th Feb. 1872.	Not received 5th to 11th Feb.
	Bongong ...	ditto	ditto	Nil	ditto	
	Ranaghat ...	ditto	ditto	1.77	ditto	
	Maherpore ...	ditto	ditto	1.40	ditto	
	Choodangah ...	ditto	ditto	1.30	ditto	
	Kooshtea ...	Nil	Nil	1.50	3rd Mar. 1872.	
	Jessore ...	0.20	ditto	2.50	ditto	
	Khoolnah ...	Nil	ditto	Nil	ditto	
	Jenidah ...	Not received	Not received	1.85	18th Feb. 1872	
	Nurail ...	ditto	ditto	1.66	ditto	
	Magoorah ...	ditto	ditto	0.06	ditto	3rd Mar. 1872.
	Bagirhat ...	ditto	ditto	1.46	ditto	
	Saugor Island ...	Nil	Nil	0.32	ditto	
	Calcutta ...	1.37	ditto	3.04	ditto	
	Alipore { Hospital ...	1.29	ditto	2.49	ditto	
	{ Jail ...	1.09	ditto	2.18	ditto	
	Barrackpore ...	Nil	ditto	3.03	ditto	
	Dum-Dum ...	0.23	0.02	2.30	ditto	
	Baraset ...	0.10	Nil	2.31	ditto	
	Satkhurah ...	0.42	0.04	2.59	ditto	
Dacca.	Busseerhant ...	0.23	Nil	3.02	ditto	25th Feb. 1872
	Diamond Harbour ...	0.23	0.08	1.01	ditto	
	Barripore ...	Nil	Nil	1.51	ditto	
	Dacca { Telegraph Office ...	0.20	ditto	1.39	ditto	
	{ Jail ...	0.10	ditto	0.75	ditto	
	Burrisaul ...	0.14	ditto	1.33	ditto	
	Dowlat Khan ...	Nil	ditto	1.65	ditto	
	Perozepore ...	1.45	ditto	3.25	ditto	
	Madaripore ...	1.17	ditto	3.37	ditto	
	Furzedpore ...	Nil	ditto	0.68	ditto	
	Golundo ...	ditto	ditto	2.06	ditto	
	Mymensing ...	ditto	Not received	0.80	ditto	
	Jamalpore ...	ditto	ditto	2.25	ditto	
	Atteah ...	ditto	ditto	1.24	ditto	
CHITTAGONG.	Kishoregunge ...	0.15	0.46	0.15	ditto	25th Feb. 1872.
	Sylhet ...	Nil	0.46	1.03	3rd Mar. 1872.	
	Cachar ...	ditto	Not received	1.05	25th Feb. 1872.	
	Hylakandy ...	0.21	ditto	1.40	ditto	
	Koyah ...	0.02	ditto	1.20	ditto	
	Chittagong { Telegraph Office ...	Nil	Nil	0.50	3rd Mar. 1872.	
	{ Jail ...	0.90	ditto	1.58	ditto	
	Cox's Bazar ...	Nil	Not received	1.05	25th Feb. 1872.	
	Rangamatee Hill ...	0.30	ditto	1.12	ditto	
	Noakhally ...	0.04	Nil	0.73	3rd Mar. 1872.	
COCH BEHAR.	Tipperah ...	0.80	ditto	1.81	ditto	25th Feb. 1872.
	Brahmanbariah ...	Nil	Not received	1.46	ditto	
	Akyab ...	ditto	Nil	0.10	3rd Mar. 1872.	
	Cooch Behar ...	ditto	ditto	1.20	ditto	
	Buxa ...	Not received	ditto	1.05	ditto	
	Gouparah ...	Nil	Not received	0.87	25th Feb. 1872	
	Dhobree ...	ditto	ditto	1.00	ditto	
	Tura (Garo Hills) ...	ditto	ditto	0.23	ditto	
	Darjeeling { Telegraph Office ...	Not received	ditto	1.48	15th Jan. 1872.	
	{ Hospital ...	Nil	Nil	0.80	3rd Mar. 1872.	
ARUN.	Rungbee ...	Not received	Not received	1.20	31st Jan. 1872	25th Feb. 1872.
	Julpigoree ...	Nil	Nil	0.96	3rd Mar. 1872	
	Boda ...	Not received	Not received	2.10	11th Feb. 1872	
	Tezapore ...	Nil	ditto	0.87	25th Feb. 1872.	
	Nowgong ...	ditto	ditto	6.19	ditto	
	Mungledye ...	ditto	ditto	1.17	ditto	
	Burpettah ...	ditto	ditto	0.53	ditto	
	Gowhatti ...	ditto	0.12	2.25	3rd Mar. 1872.	
	Seelsaugor ...	1.21	Not received	4.63	25th Feb. 1872.	
	Jorehaut ...	0.28	ditto	2.37	ditto	Not received 15th to 21st Jan.
ARUN.	Golaghat ...	0.06	ditto	2.92	ditto	
	Nazcerah ...	0.31	ditto	2.61	ditto	
	Debrooghur ...	0.64	ditto	4.02	ditto	
	Suddya ...	0.60	ditto	7.29	ditto	
	Shillong ...	0.10	ditto	0.39	ditto	
	Cherrapunjee ...	Nil	0.20	1.06	3rd Mar. 1872.	
	Jaowai ...	ditto	Not received	0.95	25th Feb. 1872.	
	Sannoogoodting ...	ditto	ditto	0.54	ditto	

HENRY F. BLANFORD,

Meteorological Reporter to the Govt. of Bengal.

CALCUTTA,
The 9th March 1872

Meteorological Telegraphic Report for the period 3rd to 9th March 1872.

STATIONS.	Date.	Hour.	Barometer reduced to 32°.	Barometer reduced to sea-level.	THERMOMETER		Humidity Sat. =100.	WIND.		Rain.	Clouds.	Weather initials.
					Dry.	Wet.		Direction.	Velocity.			
CALCUTTA.	March											
	3rd	10	30.000	30.087	79.4	68.2	52	W	...	...	...	b
	16	16	29.937	29.975	86.5	70.5	41	W	...	...	CK	b
	4th	10	30.004	30.112	80.8	76.0	55	W	...	...	...	b
	16	16	29.959	29.977	88.0	69.5	35	W S W	...	...	...	b
	5th	10	30.054	30.072	79.6	68.5	52	W	...	...	...	b
	16	16	29.905	29.923	87.7	70.5	38	W by N	...	...	...	b
	6th	10	30.006	30.024	81.5	73.5	60	S W	...	...	...	b
	16	16	29.847	29.865	88.2	71.2	40	S W	...	...	CS	b
	7th	10	29.987	30.005	78.6	71.7	69	E S E	...	0.21	...	b
	16	16	29.820	29.847	87.0	75.0	55	W S W	...	...	K	b
	8th	10	29.971	29.989	81.8	77.1	78	S by W	...	...	K	b
SAUGOR ISLAND.	16	16	29.834	29.852	89.0	73.1	43	W S W	...	...	K	b
	9th	10	30.023	30.040	79.8	75.5	80	S S W	...	...	...	b
	16	16	29.912	29.930	90.3	68.0	26	S S W	...	...	...	b
	3rd	10	30.080	30.086	80	61	21	S W	4.2*	...	...	b
	16	16	29.997	30.003	86	77	64	S S W	8.0*	...	...	m
	4th	10	30.115	30.121	81	71	59	N	7.0*	...	...	b, m
	16	16	29.974	29.980	91	76	47	S W	6.1*	...	...	m
	5th	10	30.059	30.065	83	70	49	N N W	8.1*	...	...	b
	16	16	29.924	29.930	88	75	52	S S W	9.7*	...	...	b, m
	6th	10	29.996	30.002	85	78	71	S	9.5*	...	K	b, m
	16	16	29.878	29.884	85	78	71	S S E	13.3*	...	N	b
	7th	10	29.992	29.998	81	75	74	N N W	10.2*	0.10	K	b, scuds
CHITTAGONG.	16	16	29.884	29.870	86	79	72	S	7.2*	...	KS	b, m
	8th	10	29.974	29.980	80	79	72	W S W	13.4*	...	K	b, m, scuds
	16	16	29.863	29.869	87	79	68	S W	13.2*	...	K	b, m
	9th	10	30.040	30.046	86	80	75	S W	6.5*	...	K	b, m
	16	16	29.931	29.937	87	80	73	S	10.4*	...	KS	b, m
	3rd	10	29.872	29.865	82	70	52	N N W	4.4*	...	CK	b, m
	16	16	29.881	29.872	89	71	37	W	3.4*	...	...	b, m
	4th	10	29.995	30.007	83	70	40	N N W	6.1*	...	...	b, m
	16	16	29.881	29.872	89	72	40	W	7.6*	...	...	b, m
	5th	10	29.957	30.049	85	72	53	N	5.6*	...	...	b, m
	16	16	29.836	29.927	88	76	55	W	8.1*	...	...	b, m
	6th	10	29.940	30.032	83	75	67	S W	4.0*	...	...	b, m
MADRAS.	16	16	29.816	29.908	87	79	68	S W	9.1*	...	...	b, m
	7th	10	29.930	30.024	77	67	56	N N E	4.6*	...	K, CK	b, m
	16	16	29.800	29.891	88	72	43	W	5.5*	...	K	b
	8th	10	29.982	30.075	81	74	70	S	4.6*	...	K, KS	b, m
	16	16	29.805	29.898	82	75	70	S W	12.7*	...	K, KS	b, m
	9th	10	29.970	30.064	74	67	67	S E	5.0*	...	K, KS	b, m
	16	16	29.862	29.954	85	77	68	S W	3.9*	...	K, CK	b, m
	2nd	10	30.036	30.060	82	71	55	S S E	7*	...	...	bc
	16	16	29.922	29.952	84	72	53	E	11*	...	...	b
	3rd	10	30.051	30.081	83	71	52	E S E	5*	...	...	b
	16	16	29.940	29.970	83	72	56	E by S	10*	...	...	bc
	4th	10	30.099	30.129	86	74	64	E N E	11*	...	...	bc
CUTTACK.	16	16	29.970	30.005	85	74	57	E N E	13*	...	...	bc
	5th	10	30.060	30.099	85	74	57	E by N	5*	...	...	b
	16	16	29.936	29.966	85	72	50	E S E	10*	...	...	b
	6th	10	30.020	30.050	86	74	54	S S E	4*	...	...	b
	16	16	29.894	29.924	85	75	60	S E	9*	...	...	b
	7th	10	30.004	30.034	85	75	60	S S E	8*	...	...	bc
	16	16	29.888	29.918	85	75	60	S E	10*	...	...	b
	8th	10	30.018	30.048	85	75	60	S S E	9*	...	...	b
	16	16	29.894	29.924	83	75	67	S E by E	11*	...	...	b
	2nd	10	29.955	30.037	84	74	60	E N E	2.7*	...	KS	cloudy
	16	16	29.845	29.926	91	73	39	N N E	2.9*	...	KS, N	cloudy
	3rd	10	29.983	30.066	80	67	47	S W	3.8*	...	...	fair
AKYAB.	16	16	29.862	29.893	93	67	20	S S W	3.3*	...	...	fair
	4th	10	30.031	30.114	81	73	62	N E	1.4*	...	...	fair
	16	16	29.862	29.943	92	69	26	S W	8.6*	...	...	fair
	5th	10	29.981	30.064	81	69	51	W	0.5*	...	...	fair
	16	16	29.928	30.011	77	70	68	S S W	4.6*	...	...	fair
	6th	10	29.961	30.043	83	72	58	N W	1.3*	...	...	fair
	16	16	29.770	29.851	91	74	41	S	2.0*	...	KS, N	cloudy
	7th	10	29.905	29.987	88	76	71	S S W	2.7*	...	...	fair
	16	16	29.760	29.841	92	74	39	S S W	8.3*	...	KS	fair
	8th	10	29.915	29.997	84	76	67	W	3.7*	...	C	fair
	16	16	29.763	29.844	93	73	35	N E	1.7*	...	...	fair
	3rd	10	30.037	30.048	79	69	58	E N E	1	...	...	b
AKYAB.	16	16	29.903	29.925	85	74	57	W N W	2	...	...	b
	4th	10	30.047	30.060	81	71	69	E N E	1	...	...	b
	16	16	29.898	29.920	88	73	46	N N W	2	...	...	b
	5th	10	30.014	30.036	81	70	55	E	1	...	...	b
	16	16	29.886	29.908	85	75	60	N N W	2	...	...	b
	6th	10	30.004	30.026	80	70	58	E S E	1	...	...	b
	16	16	29.863	29.885	84	73	56	W	3	...	...	b
	7th	10	29.987	30.009	81	67	44	E	1	...	...	b
	16	16	29.848	29.880	85	73	54	W	2	...	...	b
	8th	10	30.017	30.039	79	71	65	E S E	1	...	...	b
	16	16	29.888	29.910	84	70	46	S W	2	...	...	b
	9th	10	30.047	30.069	80	73	70	E S E	1	...	...	b
	16	16	29.981	29.956	82	75	70	W	3	...	...	b

* Velocity of wind in miles per hour.

CALCUTTA,
The 9th March 1872.HENRY F. BLANFORD,
Meteorological Reporter to the Government of Bengal.

Results of the Meteorological Observations taken at the Surveyor-General's Office, Calcutta, from 1st to 7th March 1872.

Month.	Date.	Mean reduced barometer.	THERMOMETER.			Mean dry bulb.	Mean wet bulb.	Computed mean dew-point.	Mean degree of humidity.	WIND.			Rain.	Moon's phases.	GENERAL REMARKS.
			Highest reading.	Lowest reading.	Max. solar radiation.					Prevailing direction.	Max. pressure.	Daily velocity.			
		Inches.	°	°	°	°	°	°			H	Miles.	In.		
March ...	1st	29.937	89.0	71.5	132.7	78.8	70.2	64.2	0.62	S S E & N N E	2.6	133.5	...	...	Clear and cirrocumuli. Brisk wind from 11½ A.M. to 4½ P.M.
	2nd	.901	85.5	71.3	130.2	77.7	68.9	62.7	.61	S E & W S W	...	190.4	...	...	Cirrocumuli and cirri. Thunder and drizzled at 6 A.M.
	3rd	30.004	87.0	70.7	133.0	78.2	68.4	61.5	.58	W by S & W	...	114.0	...	...	Clear and cirrocumuli.
	4th	.019	88.0	70.0	135.4	79.0	69.1	62.2	.58	W & W S W	...	78.7	...	...	Chiefly clear.
	5th	29.974	87.7	70.5	138.0	78.6	67.8	60.2	.55	W & W N W	...	122.0	...	...	Clear.
	6th	.933	89.7	70.3	141.3	78.5	70.3	61.6	.64	S W	0.4	103.3	0.21	...	Clear and clouds of different kinds. Thunder at 7 P.M. Lightning at 7 & 8 P.M. Rain at 7 P.M.
	7th	.901	87.0	69.5	138.0	77.7	71.7	67.5	.72	S by W, E S E & S S W	...	126.5	...	...	Clear and cirrocumuli.

The mean barometer as likewise the dry and wet bulb thermometer means are derived from the twenty-four hourly observations made during the day.

The dew-point is computed with the Greenwich constants.—The figures in column 10 represent the humidity of the air, the complete saturation of which being taken at unity.—The receiver of the lower rain gauge is 1½ feet, and that of the anemometer 70 feet 10 inches above the level of the ground.—The velocity of wind, as indicated by Robinson's anemometer, is registered from noon to noon.

The extreme variation of temperature during the past seven days	...	20.2
The max. temperature during the past seven days	...	89.7
The max. temperature during the corresponding period of the past year	...	84.3
The mean humidity during the past seven days	...	0.61
The mean humidity during the corresponding period of the past year	...	0.81
Inches.		
The total fall of rain from 1st to 7th	... { by lower rain gauge	0.21
	... { by anemometer gauge	0.16
Ditto ditto average of eighteen previous years	...	0.76
Ditto between the 1st January and the 7th March	...	3.25
Ditto ditto ditto ditto, average of eighteen previous years	...	2.03

CALCUTTA,
The 9th March 1872.

GOPEENAUTH SEN,
In charge of the Observatory.

IRRIGATION BRANCH, PUBLIC WORKS DEPARTMENT, BENGAL.

ORISSA CIRCLE.

Statement showing the amount of Traffic and Tolls on the Kendraparah Canal during the month of January 1872.

DISTANCE FROM CUTTACK TO TERMINAL LOCK AT TIDE WATER, 42 MILES.

LOCAL TRAFFIC.				TRAFFIC BETWEEN CUTTACK AND SEA-BOARD.				STORES AND MATERIALS FOR IRRIGATION WORKS.				ABSTRACT.				REMARKS.								
Number of boats.	Nature of cargo.	TONNAGE.		Ton mileage.	Tollage.	Number of boats.	Nature of cargo.	Approximate value of cargo.	TONNAGE.		Ton mileage.	Tollage.	Number of boats.	Nature of traffic.	Value of traffic.		Tonnage.	Ton mileage.	Tollage.					
		Munds.	Tons.						Munds.	Tons.														
2	Passenger...	80	..	..	..	..	44 Paddy ..	6,518	13,032	..	..	Rs. As. P. 189 4 0	..	..	..	..	..	..	Rs. As. P. 9 7 7	The tonnage shown is that of the boats and not of the cargo. The canal was closed for annual repairs from 15th December 1871 to 25th January 1872.				
6	Jaggery ..	5,095	1,019	..	..	..	7 Spices ..	1,21,650	6,054	..	..	90 0 0	2 Coarse lime	131	600	..	..	..	3 0 0		54 Through ...	686	29,274	284 3 0
1	Empty ..	81	..	..	..	..	1 Passenger...	..	81	..	..	0 12 0	1 Empty ..	..	100	..	..	0 8 0	3 Irri. works		25	475	3 8 0	
...	.....	..	..	..	..	..	2 Empty ..	..	302	..	..	4 2 0	..	..	..	..	..	..	..		..	..	..	..
8	..	1,180	42	1,093	9 7 7	54	..	1,28,196	19,498	686	29,274	254 2 0	3	..	131	700	25	475	3 8 0		65	763	30,842	297 1 7

IRRIGATION BRANCH, PUBLIC WORKS DEPARTMENT, BENGAL.

ORISSA CIRCLE.

Statement showing the amount of Traffic and Tolls on the Taldundah Canal during the month of January 1872.

LENGTH OF CANAL OPEN, 25 MILES.

LOCAL TRAFFIC.								ABSTRACT.								REMARKS.
Number of boats.	Nature of cargo.	APPROXIMATE.		TONNAGE.		Ton mileage.	Tollage.	Number of boats.	Nature of traffic.	Weight of cargo.	Value of traffic.	Tonnage.	Ton mileage.	Tollage.		
		Weight of cargo.	Value of cargo.	Maunds.	Tons.											
						Rs. As. P.					Rs.			Rs. As. P.		
2	Empty ...	...	...	411½	...	...	1 0 6	2	Local ...	...	20	14½	14½	1 2 6	The tonnage shown is that of the boats and not of the cargo.	
..	Teak timber, No. 1 ...	...	20	...	...	...	0 2 0	...	.....	...	...	...	...	...		
2	...	...	20	411½	14½	14½	1 2 0	2	...	...	20	14½	14½	1 2 6		